

CATALOGUE

OF THE

University of North Carolina,

AT CHAPEL HILL.

1877-'78.



DURHAM, N. C.:

W. T. BLACKWELL & CO.'S STEAM PRESSES.

1878.

Calendar for 1877-'78.

1877.		
Aug.	28 ⁹	Examination of Applicants for Admission.
Aug.	30	Beginning of the Collegiate Year.
Oct.	12	ANNIVERSARY OF THE FOUNDATION OF THE UNIVERSITY.
Nov.	29	THANKSGIVING.
Dec.	21	Christmas Vacation, lasting one week.
1878.		
Feb.	22	WASHINGTON'S BIRTH DAY.
May	20	Final Examinations begin.
May	22	Examinations for the Latin Medal and German Prize.
May	24	Examination for the Chemistry Medal.
June	3, 4	Entrance Examinations.
June	5	Address before the Literary Societies ; Baccalaureate Sermon ; Orations by the Society Representatives.
June	6	COMMENCEMENT DAY ; Address before the Alumni Association ; Announcement of Degrees.

Calendar for 1878-'9.

Aug.	27 ⁸	Examination of Applicants for Admission.
Aug.	29	Beginning of the Collegiate Year, which lasts until June 5, 1879, with an intermission of one week at Christmas.

Board of Trustees.

His Excellency, ZEBULON B. VANCE, LL. D.,

Governor and President, ex-officio.

Col. WM. L. SAUNDERS, Secretary.

TERM EXPIRES Nov. 30, 1879.

Hon. MILLS L. EURE,.....	Gates.
Hon. WILLIAM T. FAIRCLOTH,.....	Wayne.
Col. JOHN A. GILMER,	Guilford.
Hon. JOHN W. GRAHAM,.....	Orange.
JESSE F. GRAVES, Esq.,.....	Surry.
G. H. HAMILTON, Esq.,.....	Ashe.
Gen. JOHN F. HOKE, ..	Lincoln.
STUART L. JOHNSON, Esq.,...	Washington.
Hon. JOHN MANNING,.....	Chatham.
Dr. JOHN MCIVER,	Moore.
B. W. MILLARD, Esq.,	Duplin.
ROBERT B. PEEBLES, Esq.,...	Northampton.
ARCHIBALD PURCELL, Esq.,.....	Robeson.
Hon. MARMADUKE S. ROBBINS,.....	Randolph.
Hon. JAMES L. ROBINSON,.....	Macon.
WM. L. TWITTY, Esq.,.....	Rutherford.

TERM EXPIRES Nov. 30, 1881.

Hon. JOSEPH J. DAVIS,.....	Franklin.
Rev. BENJAMIN S. HARDY,.....	Greene.
Prof. J. DEBERNIERE HOOPER,.....	Orange.
Col. G. N. FOLK,	Caldwell.
Hon. JOHN KERR, LL. D.,.....	Caswell.
JAMES C. MARSHALL, Esq.,.....	Anson.
Col. WILLIAM F. MARTIN,	Pasquotank.
Hon. THOMAS D. McDOWELL, ..	Bladen.
Rev. NEILL MCKAY, D.D.,.....	Harnett.
Hon. BARTHOLOMEW F. MOORE, LL. D.,.....	Wake.
Col. RUFUS L. PATTERSON,.....	Forsythe.
Col. WILLIAM B. SHAW,	Currituck.
Hon. WALTER L. STEELE,	Richmond.
Col. SAMUEL MCD. TATE,.....	Burke.
H. CLAY THOMAS, Esq.,.....	Davidson.
JOSEPH WILLIAMS, Esq.,.....	Yadkin.

TERM EXPIRES Nov. 30, 1883.

Hon. THOS. S. ASHE,	.....	Anson.
Hon. WILLIAM H. BATTLE, LL. D.,	.....	Orange.
Hon. KEMP P. BATTLE,	.....	Orange.
CHARLES W. BROADFOOT, Esq.,	.....	Cumberland.
Hon. PAUL C. CAMERON,	.....	Orange.
E. HAYNE DAVIS, Esq.,	.....	Iredell.
JOHN E. DUGGER, Esq.,	.....	Wake.
Maj. SEATON GALES,	.....	Wake.
BENJAMIN F. GRADY, Esq.,	.....	Sampson.
JAMES A. GRAHAM, Esq.,	.....	Alamance.
LOUIS C. LATHAM, Esq.,	.....	Washington.
Hon. MATTHIAS E. MANLY, LL. D.,	.....	Craven.
WILLIAM N. MEBANE, Esq.,	.....	Rockingham.
Hon. ZEBULON B. VANCE, LL. D.,	.....	Mecklenburg.
Rev. CALVIN H. WILEY,	.....	Forsythe.
PATRICK H. WINSTON, Jr., Esq.,	.....	Bertie.

TERM EXPIRES Nov. 30, 1885.

Col. JAMES S. AMIS,	.....	Granville.
R. MCBRAYER, Esq.,	.....	Cleveland.
JULIAN S. CARR, Esq.,	.....	Orange.
W. H. DAY, Esq.,	.....	Halifax.
W. J. EWING, Esq.,	.....	Montgomery.
Col. FORNEY GEORGE,	.....	Columbus.
Rev. C. B. HASSELL,	.....	Martin.
JOHN S. HENDERSON, Esq.,	.....	Rowan.
WM. E. HILL, Esq.,	.....	Duplin.
W. H. JOHNSTON, Esq.,	.....	Edgecombe.
Rev. L. R. MCBAY, D. D.,	.....	Polk.
Hon. M. MCGEHEE,	.....	Person.
Col. PAUL B. MEANS,	.....	Cabarrus.
M. H. PINNIX, Esq.,	.....	Davidson.
Hon. CHARLES PRICE,	.....	Davie.
J. H. THORPE, Esq.,	.....	Nash.

ADDITIONAL TRUSTEES.

TERM EXPIRES Nov. 30, 1879.

Rev. DANIEL A. LONG,.....	Alamancee.
Maj. WILLIAM B. LYNCH,.....	Alamancee.

TERM EXPIRES Nov. 30, 1881.

Maj. JOHN D. CAMERON,	Orange.
Hon. GEORGE V. STRONG,...	Wake.

TERM EXPIRES Nov. 30, 1883.

Gen. BRYAN GRIMES,	Beaufort.
Col. WILLIAM L. SAUNDERS, . . .	Wake.

TERM EXPIRES Nov. 30, 1885.

Col. DAVID M. CARTER,....	Wake.
Maj. THOMAS SPARROW,.....	Beaufort.

NOTE.—It is required by law that these additional Trustees shall be
 “from points conveniently accessible to the seats of government and of
 the University.”

Executive Committee.

HIS EXCELLENCY, Z. B. VANCE, LL.D.,
HON. BARTHOLOMEW F. MOORE, LL.D.,
HON. WILLIAM H. BATTLE, LL.D.,
HON. PAUL C. CAMERON,
COL. DAVID M. CARTER,
COL. WILLIAM L. SAUNDERS,
HON. GEORGE V. STRONG.

Faculty.

HON. KEMP P. BATTLE, A. M., PRESIDENT,

Professor of Political Economy, Constitutional and International Law.

REV. CHARLES PHILLIPS, D.D., LL.D.,

Professor of Mathematics.

J. DEBERNIERE HOOPER, A. M.,

Professor of Greek and French.

REV. ADOLPHUS W. MANGUM, A. M.,

Professor of Moral Philosophy, History and English Literature.

ALEXANDER FLETCHER REDD,

Professor of General and Analytical Chemistry.

GEORGE TAYLOE WINSTON,

Professor of Latin and German.

RALPH HENRY GRAVES, B. SC., C. AND M. E.,

Professor of Engineering and Physics.

FREDERIC WILLIAM SIMONDS, M. S.,

Professor of Geology, Zoology and Botany.

CAREY D. GRANDY,

Assistant Professor of Chemistry, Mineralogy and Latin.

HON. WILLIAM H. BATTLE, LL.D.,

Professor of Law.

W. C. KERR, A. M.,

State Geologist and Lecturer on the Geology of North Carolina.

ALBERT R. LEDOUX, PH. D. (GÖTTINGEN,)

Chemist to the State Board of Agriculture, and Director of Agricultural Experiment and Fertilizer Control Station.

PROF. SIMONDS, *Librarian.*

PROF. GRANDY, *Secretary.*

A. MICKLE, Esq., *Bursar.*

Catalogue of Students.

1877-'78.

ABBREVIATIONS:

A. C.....Analytical Chemistry.	L.....Latin.
B... .. Botany.	Law.....Law.
B. K.....Book-Keeping.	Log.....Logic.
C.....Chemistry (General.)	M.....Mathematics.
C. & I. L.....Constitutional and International Law.	Mech & Ast...Mechanics and Astronomy.
E. L.....English Literature.	Met .. ..Metaphysics.
F.....French.	Min.....Mineralogy.
G.....Greek.	M. P. ....Moral Philosophy.
Geo.....Geology.	P.....Physics.
Ger.....German.	P. E.....Political Economy.
H.....History.	Phys.....Physiology.
I. C.....Industrial Chemistry.	R.....Rhetoric.
	Z.....Zoology.

The studies of each Student are printed in the line below his name.

<i>Names.</i>	<i>Residences.</i>	<i>Year of Course.</i>
ALBRIGHT, JAMES ALEXANDER.....	Graham,.....	1
	L-M-C-R-H-Log.	
ALDERMAN, WALTER WILLIAMS... ..	Pender Co.,.....	1
	Phys-L-M-H-R-B-K.	
ALDERMAN, WILLIAM COLON.....	Fayetteville,.....	1
	Phys-L-M-H-R-B.	
ANGIER, JOHN CICERO.....	Durham,.....	2
	Ger-M-Log-R-Min-B.	
ARRINGTON, ARCHIBALD HUNTER. ...	Hilliardston,.....	3
	Geo-Min-P-M-F-C-B-K.	
ARRINGTON, ARTHUR.....	Louisburg,.....	4
	I. C-A. C-M. P-Geo-Min-M-C. & I. L-Met-E. L-P. E.	
ASKEW, CHARLES THOMPSON.. ..	Chapel Hill,.....	3
	Geo-Min-Z-Phys-M-R-E. L-B.	
AYCOCK, CHARLES BRANTLEY.....	Fremont,.....	3
	M. P-C. & I. L-R-Met-E. L-H-L-M-Log-P. E.	
BATTLE, HERBERT BEMERTON.....	Chapel Hill,.....	1
	M-L-H-C-R	

<i>Names.</i>	<i>Residences.</i>	<i>Year.</i>
BATTLE, KEMP PLUMMER, Jr.,.....	Chapel Hill,.....	3
	Geo—Min—Z—Phys—Ger—Log—C—R—B.	
BATTLE, THOMAS HALL.....	Chapel Hill,.....	2
	Z—Phys—L—M—G—B.	
BEAMAN, JOHN ROBINSON, Jr.,.....	Clinton,.....	1
	M—F—H—C—R	
BELL, DAVID.....	Enfield,.....	2
	L—M—C.	
BETTS, WILLIAM ARCHIBALD.....	Greensboro',.....	2
	Phys—L—M—G—B.	
BLACKMER, WALTER STEELE.....	Salisbury,.....	1
	L—G—M.	
BLACKWELL, JAMES WASHINGTON.....	Durham,.....	2
	Ger—M—C—Log.	
BOBBITT, RUFUS LEE.....	Granville Co.,.....	1
	L—Ger—C.	
BONNER, ROBERT TRIPP.....	Beaufort Co.,.....	1
	L—M—H—C—R—B—K.	
BORDEN, FRANK KORNEGAY..	Goldsboro',.....	3
	Geo—Min—Log—E. L—C—R—A. C—I. C.	
BROOKS, THOMAS COOK..	Person Co.,.....	2
	Z—Phys—L—C.	
BYNUM, WILLIAM ROBERT.....	Tarboro',.....	2
	M—C—R—H.	
CALDWELL, ROBERT ERNEST.	Greensboro',.....	4
	P—C. & I. L—R—Met—E. L—C—Log—P. E—M. P.	
CARR, JONAS JOHNSTON.....	Oxford,.....	1
	L—M—H—C—R.	
CLIFTON, LUNSFORD CLAYBORNE.....	Cedar Shoals, S. C,.....	2
	Z—Phys—M—F—R—C.	
CLINE, FRANK LEE.....	Hickory,.....	1
	L—M—H—C—R.	
CLINE, WILLIAM PINCKNEY,.....	Newton,.....	4
	P. E—C—Geo—Min—P—Mech. & Ast—M—Ger—C. & I. L—Met—E. L—M. P.	
COBB, CHARLES COTESWORTH.....	Lincolnton,.....	2
	Z—Phys—L—M—C.	
COBLE, ALBERT LUCIEN.....	Alamance Co.,.....	2
	L—M—G—Z—Phys—B.	
COUNCIL, ALEXANDER.....	Bladen Co.,.....	1
	M—F—H—C—R—B—K.	
COVINGTON, CHARLES COLEMAN.....	Wilmington,.....	4
	Geo—C. & I. L—Met—E. L—M. P.	

<i>Names.</i>	<i>Residences.</i>	<i>Year.</i>
CRAIG, LOCKE... ..	Chapel Hill,.....	2
	Z--Phys--L--M--G--B.	
CUNINGHAM, JOHN... ..	Gallaway, Tenn.,... ..	1
	Phys--M--L--H--R.	
DALTON, DAVID NICHOLAS, Jr.,.....	Stokes Co.,.....	1
	L--M--G--H--R.	
DANCY, FRANK BATTLE,.....	Tarboro',.....	1
	M--L--G--H--R.	
DAVIS, HUGH LEVIN.....	Louisburg,.....	1
	L--M--G.	
DAVIS, ROBERT HENRY.....	Louisburg,.....	3
	M--Geo--P. E.	
DILLARD, JOHN HENRY.....	Leaksville,.....	1
	M--C--R--L.	
DOWD, JOSEPH CAREY.....	Tarboro',.....	2
	Z--Phys--L--C--B.	
EDMUNDSON, THOMAS.....	Stantonsburg.....	2
	P--Ger--R--C--Log.	
EGERTON, BENJAMIN IREDELL, Jr.,.....	Macon,.....	1
	Phys--M--F--H--C--R--B.	
EMERSON, ISAAC EDWARD.....	Chapel Hill,.....	3
	A. C--I. C.	
ENGELHARD, EDWARD BENSON.....	Wilmington,.....	3
	P--C. & I. L--R--E. L--C--P. E--Log.	
ERWIN, WILLIAM EDWARD.....	Hendersonville,.....	1
	L--M--R--H--Log.	
EWELL, EDGAR.....	Williamston,.....	1
	L--M--H--R--B--K.	
FAISON, HENRY ELIAS.....	Faison,.....	2
	Z Phys L M G B.	
FAISON, JAMES HICKS.....	Faison,.....	4
	Min--Geo--Mech. & Ast--C. & I. L--Met--E. L--P. E--M. P.	
FAISON, JOHN MILLER.....	Faison,.....	1
	M--L--G--H.	
FLANNIGAN, ROBERT ANDREW.....	Cabarrus Co.,.....	1
	M--L--G--H.	
FORBIS, JAMES WILEY.....	Greensboro',.....	1
	Phys--M--H--R--C--B--K.	
FURGERSON, HENRY BEAUREGARD.....	Littleton,.....	1
	L--M--H.	
FURGERSON, MACMURRAY.....	Littleton.....	1
	L--M--H.	
GALLAWAY, CHARLES WILCHER.....	Mt. Airy,.....	4
	M. P--Min--Geo--Mech. & Ast...C. & I. L--Met--E. L--P. E.	

<i>Names.</i>	<i>Residences.</i>	<i>Year.</i>
WILLIAM, DONNELL.....	Raleigh,.....	1
	M—F—R.	
GREENLEE, EDWARD THOMAS,.....	Marion,.....	1
	L—M—G—H.	
GUNTER, JOHN DOCTOR.....	Jonesboro',.....	1
	L—M—H—C—R.	
HALL, JOHN HUBBARD,.....	Fayetteville,	1
	L—M—R—H—C.	
HARGRAVE, ALFRED FRONTICE.....	Lexington,.....	2
	P E—Log—C.	
HARRIS, EUGENE LEWIS.....	Granville Co.,.....	1
	M—R—G.	
HARRISS, ELIAS SPENCER.....	Falkland,.....	1
	M—L—H—R—B—K.	
HAYWOOD, ERNEST.....	Raleigh,.....	2
	L—M—C.	
HAYWOOD, HOWARD.....	Raleigh,.....	1
	L—M—H—R—C.	
HENDERSON, RICHARD BULLOCK.....	Warrenton,.....	3
	Min—Geo—M—Ger—E—C—Log.	
HENRY, WALTER RICHARD.....	Kittrells,	1
	L—M—H—R—C—B.	
HESTER, BENNETT FRANKLIN.....	Oxford,.....	2
	Z—Phys—M—C—B—K.	
HILL, CHRISTOPHER DUDLEY.....	Faison,.....	1
	L—G—M—H.	
HILL, EDWARD J.....	Faison,.....	4
	Mech. & Ast—Geo—Min—P. E—E. L—Met—M. P.	
HILL, ISHAM FAISON.....	Faison,.....	3
	Geo—Min—Z—Phys—F—R—C—Log—B.	
HILL, JAMES HICKS.....	Faison,.....	1
	M—L—G—R—H.	
HILL, WILLIAM LANIER.....	Faison,.....	3
	Geo—Min—M—F—C—R—Log.	
HOLSHOUSER, ALLEN RODOLPHUS,.....	Rowan Co.,.....	1
	Phys—L—G—H.	
HYMAN, HERBERT SHIELDS.....	Scotland Neck,.....	1
	L—M—B—K.	
JEFFREYS, ZADOK MARQUIS LAFAYETTE..	Fremont,.....	1
	L—M—R—P. E.	
JOHN, HENRY MOOD.....	Laurinburg,.....	1
	B—K—Phys—L—M.	

<i>Names.</i>	<i>Residences.</i>	<i>Years.</i>
JOHNSTON, WILLIAM ALEXANDER.....	Mebaneville,.....	1
	L-G-M-R.	
JONES, ALFRED DANIEL.....	Cary,.....	2
	M-R-Met-C-Log-M. P.	
KENT, ALFRED ABRAHAM.....	Lenoir,.....	1
	M-L-R-H-C.	
KENT, HORATIO MILLER.....	Lenoir,.....	1
	M-F-C. & I. L-R-H-Min.	
KERNER, ROBAH BASCOM.....	Kernersville,.....	1
	Phys-M-F-R-L-Log-Min-B.	
KILLIAN, JOHN BAXTER.....	Brevard,.....	1
	M-L-R-H-C.	
LEACH, JAMES MADISON, Jr.,.....	Lexington,.....	1
	M-L-R-F-Log-C. & I. L.	
LEDBETTER, HENRY STEELE.....	Richmond Co.,.....	1
	Phys-M-L-H.	
LEWIS, CHARLES KELLEY.....	Raleigh,.....	1
	L-M-H-R-C.	
LEWIS, JOHN BRYAN.....	Raleigh,.....	4
	I. C-Ger-M-C. & I. L-Met-E. L-P. E-M. P-A. C.	
LONG, ISAAC HENRY.....	Graham,.....	2
	L-Z-M-G.	
LUTTERLOH, HERBERT.....	Fayetteville,.....	1
	B-K-B-Phys-M-H.	
MALLETT, JOHN WALKER.....	Chapel Hill,.....	2
	C-Z.	
MANNING, JAMES SMITH.....	Pittsboro',.....	3
	Geo-Min-M-Ger-R-C-Log.	
MANNING, JOHN MOORE.....	Pittsboro',.....	3
	Geo-Min Z-Phys-Ger-R-C-Log-B.	
MAYNARD, ERNEST PATRICK.....	Morrisville,.....	1
	L-M-B-K.	
MCCALLUM, ARCHIBALD TORRY.....	Shoe Heel,.....	1
	M-F-H-R-C-B.	
MCCORKLE, GEORGE.....	Newton,.....	4
	M. P-Min-Geo-Mech. & Ast-C. & I. L-Met-E. L-P. E.	
MCIVER, CHARLES DUNCAN.....	Egypt,.....	1
	M-L-G-H-R.	
MCIVER, JOHN ALTON.....	Jonesboro',.....	1
	M-L-G-H-R.	
MCLEAN, NEILL ARCHIBALD.....	Lumberton,.....	1
	Law.	

<i>Names.</i>	<i>Residences.</i>	<i>Year.</i>
MCLEOD, GILBERT.....	Euphronia,.....	1
	M-L-G-H-R.	
McMILLAN, JOHN LUTHER.....	Robeson Co.,.....	1
	M-H-B-B-K.	
MCNEILL, CHARLES ALEXANDER.....	Carthage,.....	2
	Z-Phys-L-C-B-K-B.	
MCNEILL, THOMAS IRBY.....	Cheraw, S. C.,.....	4
	Geo-M. P-C. & I. L-R-Met-E. L-P. E-Log.	
MCRAE, JAMES PATTERSON.....	Laurinburg,.....	1
	M-F-H-R-C-B-K.	
MCRAE, RODERICK.....	Laurinburg,.....	1
	M-L-G-H-R.	
MIAL, LEONIDAS LEMAY.....	Wake Co.,.....	1
	M-L-G-H-R.	
MOORE, JAMES.....	Raleigh,.....	1
	L-M-H-R-C.	
MORTON, WILLIAM ZENAS.....	Washington,.....	
	C. & I. L-B-R-Phys--Min-M. P-Law.	
MURPHY, JAMES DICKSON.....	Pender Co.,.....	1
	L-M-H-R-C.	
NEAL, JOHN WILLIAM.....	Stokes Co.,.....	1
	L-M-G-H-R.	
NICHOLSON, JAMES MANN.....	Enfield,.....	4
	M. P-Geo-Min-Mech. & Ast-C. & I. L-Met-E. L-P. E-P.	
NIXON, HENRY BARBER.....	Perquimans Co.,.....	3
	Geo-Min-P-Mech. & Ast-M-R-Log.	
NOBLE, MARCUS CICERO STEPHENS.....	Selma,.....	2
	L-M-G-L.	
NORFLEET, PASCAL PAOLI.....	Tarboro',.....	2
	Z-Phys-L-G-Met-M-M. P.	
PALMER, NATHAN MILAM.....	Macon,.....	1
	M-R-H-C-Log-B-K.	
PASCHALL, CHARLES LESLIE.....	Oxford,.....	1
	M-L-H-R-C-B-K.	
PEELE, WILLIAM JOSEPH,.....	Jackson,.....	3
	Z-Phys-Geo-Min-Ger-R-C-Log-B.	
PELL, EDWARD LEIGH.....	Chapel Hill,.....	1
	M-F-H-R-C.	
PELL, ROBERT PAINE.....	Chapel Hill,.....	2
	Z-Phys-L-M-G-B.	
PEMBERTON, WILLIAM DAVID.....	Albemarle,.....	1
	L-M-R-C.	

<i>Names.</i>	<i>Residences.</i>	<i>Years.</i>
PHILLIPS, ALEXANDER LACY.....	Chapel Hill;.....	2
	Z—Phys—L—M—G—B.	
PHILLIPS, THOMAS CALDWELL.....	Yadkinville;.....	1
	L—M—G—H.	
PHILLIPS, WALTER EVERETT.....	Battleboro';.....	1
	L—M—G—H—R.	
POE, FRANK CALDWELL....	Pittsboro';.....	1
	B—K—L—M—H.	
POWELL, JAMES MARSHALL.....	Goldsboro';.....	2
	L—M—G—H—R.	
RANSOM, JOSEPH.....	Northampton Co.,.....	2
	Z—Phys—L—G—B.	
RANSOM, ROBERT.....	Northampton Co.,.....	2
	L—M—G—Z—B—K.	
REID, REUBEN DAVID.....	Wentworth;.....	1
	Phys—M—L—H—R—C—B.	
RICHARDSON, GERROSS.....	Craven Co.,.....	1
	Phys—L—G—H.	
RICHARDSON, SHAHANE.....	Craven Co.,.....	1
	Phys—L—G—H—B.	
ROBBINS, GASTON.....	Lexington;.....	2
	F—Ger—Z—Phys—Geo—Min—Log—R—B.	
ROBERTS, FRANK WILLIAM.....	Flat River;.....	1
	L—M—H—R—C.	
RODWELL, JAMES ROBERT.....	Macon;.....	1
	L—M—H—R—C.	
RUFFIN, JAMES HIPKINS.....	Hillsboro';.....	1
	M—L—H—R—C.	
SCOTT, JAMES EDWIN.....	Alamance Co.;.....	2
	Z—Phys—L—M—G—B.	
SCOTT, ROBERT WALTER.....	Alamance Co.;.....	1
	L—M—R—H—C.	
SHARPE, BENJAMIN CHARLES.....	Tarboro';.....	2
	Z—Phys—L—M—G—B.	
SIMMONS, ENOCH SPENCER.....	Hyde Co.;.....	4
	C. & I. L—P. E—Law.	
SLADE, WILLIAM ROBERT.....	Columbus, Ga.;.....	2
	Phys—L—M—G—B.	
SMITH, ANDREW JONES.....	Wilmington;.....	2
	Ger—C—Z—Geo.	
SOUTHGATE, JAMES HAYWOOD.....	Durham;.....	1
	L—R—C—M.	

<i>Names.</i>	<i>Residences.</i>	<i>Year.</i>
SPRINGS, ALVA CONNELL.....	Charlotte,...	3
Geo—Min—Z—Phys—F—R—C—B—Mech.		
STEDMAN, FRANK HAYWOOD.....	Fayetteville, ..	1
L—M—G—H—R.		
STEWART, WILLIAM BELFIELD.....	Clinton,.....	1
L—M—G—H—R.		
STRANGE, JOSEPH HUSKE.....	Wilmington, ..	1
L—M—H—R—C.		
STRANGE, ROBERT ..	Wilmington,.....	3
Geo—Min—M—Ger—R—C—Log.		
STREET, NATHANIEL HEATH	New Berne,.....	4
M. P—Geo—Min—Mech. & Ast—C. & I. L—Met—C—P. E.		
TAYLOR, ISAAC MONTROSE	Chapel Hill, ..	3
Ger—Geo—Min—Z—Phys—R—C—Log—B.		
TEMPLE, WILLIAM OSCAR.....	Pasquotank Co.,.....	1
L—M—R—C—Log.		
THOMAS, CHARLES RANDOLPH, Jr.,...	New Berne,.....	1
L—M—G—H—R.		
VAUGHAN, LATIMER CLARK	Warrenton, ..	2
Z—Phys—L—M—G—B.		
WADDELL, ALFRED MOORE, Jr.,.....	Wilmington, ..	1
Ger—M—C—H—R.		
WALKER, JOHN MOSELEY, Jr.,.....	Hickory,	1
L—M—G—H—R.		
WALKER, LUCIEN HOLMES	Hickory,.....	1
L—M—G—H—R.		
WATKINS, HENRY THOMAS.....	Henderson, ..	4
M. P—Geo—Min—Mech. & Ast—C. & I. L—Met—E. L—Law—P. E.		
WEBB, JOHN.....	Granville Co.,.....	1
L—M—H—R—C.		
WILLIAMS, DUNCAN MURCHISON... ..	Wilmington, ..	4
M. P—Geo—C. & I. L—R—Met—E. L—P. E—Log.		
WILSON, ALBERT ROBERT ..	Greensboro', ..	1
Phys—M—H—B.		
WINBORNE, ROBERT WARREN	Murfreesboro', ..	1
L—M—G—H—R.		
WINDER, JOHN HENRY.....	Raleigh,.....	1
L—M—H—R—C.		
WINSTON, FRANCIS DONNELL.....	Windsor,...	3
P—Ger—M—R—C.		
WINSTON, ROBERT WATSON	Windsor,...	3
P—Ger—M—R—C.		

<i>Names.</i>	<i>Residences.</i>	<i>Year</i>
WOOD, FRANK	Edenton,	3
	Min—Geo—P—Ger—M—B-K.	
YARBOROUGH, JAMES HART.	Louisburg,	1
	L—M—G—H—R.	

POST GRADUATE.

BAKER, JULIEN MEREDITH.	Tarboro',
	Geo—A—C.

Total, 160.

NUMBERS IN THE SEVERAL SCHOOLS.

Botany, Zoology and Phy-	Law,	3
siology,	Logic and Rhetoric,	116
99	Mathematics,	128
Book-Keeping,	Mechanics and Astronomy, . . .	9
19	Metaphysics and Moral Philos-	
Chemistry,	ophy,	34
76	Mineralogy,	30
English Literature,	Political Economy, Constitu-	
17	tional and International Law	21
French,	Physics,	9
16		
German,		
19		
Geology,		
30		
Greek,		
46		
History,		
78		
Latin,		
96		

History.

The University of North Carolina was established in obedience to a clause of Section XLI of the Constitution of the State, adopted on the 18th of December, 1776, viz: "All useful learning shall be duly encouraged and promoted in one or more Universities."

In consequence of the exigencies of the War for Independence, and the prostration following it, some years elapsed before the mandate of the Constitution was carried into effect.

On the 21st of November, 1789, the Convention of the State, convened in Fayetteville, ratified the Constitution of the United States and entered the American Union. One month thereafter, the General Assembly sitting in the same town, granted the Charter of the University. The preamble declares that "in all well regulated governments it is the indispensable duty of every Legislature to consult the happiness of the rising generation, and endeavor to fit them for an honorable discharge of the social duties of life by paying the strictest attention to their education," and that "a University supported by permanent funds, and well endowed, would have the most direct tendency to answer the above purpose." The Trustees were the leading men of that day, many of them having assisted in framing the Constitution of 1776.

In November, 1792, the University was located on an elevated plateau several hundred feet above the sandstone basin which traverses the State; a plateau remarkable for the purity of its water, the beauty and variety of its forest growth, the healthfulness of its climate.

On October 12th, 1793, the corner stone of the first building, the Old East, was laid with Masonic honors by Governor Wm. Richardson Davie, Grand Master. The doors were opened for students in February, 1795. The buildings are now seven in number, affording accommodations for 500 students, with ample recitation rooms and public halls.

The University had obtained a commanding position among the Institutions of learning of this country, having nearly five hundred matriculates, when the great civil war dispersed its students and shattered its endowment. In 1872 its doors were closed and were not re-opened until September, 1875. In the third year after this re-opening the number of matriculates is 160. It thus appears that the University is rapidly regaining its former prosperity.

LOCATION.

The University is situate 28 miles from Raleigh and 12 miles from Durham on the North Carolina Railroad. A daily mail hack line connects at Durham with the railway trains.

GOVERNMENT.

The University of North Carolina is under the control of a Board of 72 Trustees elected by the joint vote of the General Assembly. Of these one-fourth go out of office, and their places are filled, every two years. Although not required by law, in practice they are distributed among the Congressional Districts. The Board meets regularly twice a year; in the winter at Raleigh on a day selected by the Chairman and during Commencement week. The former is called the Annual Meeting. The Governor is *ex-officio* Chairman of the Board. Ten constitute a quorum.

THE EXECUTIVE COMMITTEE.

During the recess of the Board an Executive Committee of seven Trustees, elected at the Annual Meeting, exercise all the powers of the Board of Trustees except those specially prohibited.

THE FACULTY.

The Faculty consists of twelve Professors, including the President. Of these, the Chemist of the State Board of Agriculture, Dr. Lédoux, in charge of the Agricultural Experiment and Fertilizer Control Station, the Professor of Law, Judge Battle, and the State Geologist, Prof. Kerr, are not charged with duties connected with the discipline of the University.

STATE STUDENTS.

By section 3 of the Act of the General Assembly of February 11th, 1867, "it shall be the privilege of the County Court (now County Commissioners) in each County in this State forever to select annually one native of the State, resident in said County, of good moral character and capacity for usefulness, without the requisite means to defray the necessary expenses of education, who shall be admitted to any classes in the University for which he may be prepared, free of all charges for tuition and room rent, so that each county may always have one representative."

And by section 4: "In order to promote the liberal and practical education of the industrial classes of the State, pupils may be admitted to the branches of Agriculture and Mechanic Arts, who possess the requisite qualifications for these studies, without requiring previous literary training requisite for admission into the regular college courses."

OTHER BENEFICIARIES.

The Faculty not only are ready to comply with this law but by authority of the Board of Trustees will admit all worthy young men, without means, not confining themselves to one from each county.

ORGANIZATION.

As re-organized, the institution is designed to hold the position and to do the work of a University. In the several Colleges which it embraces, it offers independent instruction in the different departments of knowledge. While thus meeting the requirements of various circumstances and of individual taste, the Trustees have grouped together several systems which experience indicates as adapted to the necessities of those who desire effective mental discipline, together with liberal culture.

DISCIPLINE.

The discipline of the institution is designed simply to restrain irregularities and excesses which conflict with the improvement of its members. The laws require faithful attention to duty and abstinence from everything that may interrupt or disturb study. Students will be required to observe the utmost decorum and courtesy towards each other at all times, and the practice of *hazing* will be rigorously suppressed.

No secret societies or clubs, other than the two well-known literary societies, (Dialectic and Philanthropic) will be allowed without the express permission of the Trustees of the University.

The Faculty will remove from the University any student who is negligent of his duties, or exerts an evil influence over his fellows.

RECITATIONS AND LECTURES.

Each student is required to attend on an average three class exercises daily, except on Saturday and Sunday, the former day being appropriated to the exercises of the two literary societies.

LITERARY SOCIETIES.

In connection with the University are the Dialectic and Philanthropic Literary Societies, to one of which each student is expected to attach himself. The halls and libraries of these societies are commodious and elegantly furnished. The libraries contain each about seven thousand volumes, including history, biography, poetry, science, philosophy and the standard English and American Reviews and Magazines. Each society owns many valuable busts and portraits, and a considerable museum of curiosities and minerals.

The exercises of these societies and access to their libraries are ranked among the prominent advantages offered by the University. They afford practice in debating and writing, and familiarize the students with the rules of order governing deliberative assemblies.

UNIVERSITY MAGAZINE.

A monthly magazine devoted to the history of North Carolina and to general literature is edited and published by students elected by the two literary societies.

The editors for the present year are : Messrs. F. D. Winston, J. B. Lewis and I. M. Taylor, of the Philanthropic, and Messrs. A. D. Jones, C. W. Galloway and N. H. Street, of the Dialectic Society.

RELIGIOUS SERVICES.

The students are invited to attend daily morning prayers in the University Chapel and the Sunday morning services in the several churches in the village, and facilities are given for studying the Holy Scriptures on Sundays.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

There is a branch of the Young Men's Christian Association among the students. It has many members of spirit and activity and its influence for good is very marked.

Regular meetings are held every Sunday afternoon, and prayer-meetings each evening during the week, in one of the University halls set apart for the purpose.

MUSEUMS.

The UNIVERSITY MUSEUM occupies the large hall on the third floor of the East Building. Here the cabinets of the various departments have been brought together and arranged. The Geological and Mineralogical collection includes the "Vienna Cabinet," which alone comprises over two thousand specimens from all parts of the world; a large collection of minerals, rocks and fossils, collected by the late Dr. Emmons, when State Geologist, donated to the University by the State; and much material, secured through the kindness of the present State Geologist, Professor Kerr, illustrating the practical application of geology to the arts—such as a number of jars of pigment of various colors, donated by John Lucas & Co., of Philadelphia; a set of North Carolina marls, now so extensively known as fertilizers; samples of mica, gold, and other minerals, and of building stones found within the State.

The ZOOLOGICAL COLLECTION includes a cabinet of insects collected in the vicinity of Chapel Hill, containing rare and valuable species, a large number of reptiles preserved in alcohol, and many bird skins, which it is hoped may, at an early day, be mounted.

In BOTANY, besides an Herbarium of the local flora, there is a fine set of

native woods, carefully prepared and labeled; and a large collection of seeds, grains and fibres from many countries, secured for the Museum by the State Geologist, some of which will be employed in the experiments of the students in Botany.

By an arrangement with the State Board of Agriculture, the University is to receive duplicates of its collections, so that ample opportunity will be given for familiar acquaintance with the resources of the State.

In the Dialectic Building, (New West) a room has been set apart, known as the AGRICULTURAL MUSEUM. The collection at present embraces various valuable machines and tools employed in Agriculture.

LIBRARIES.

The libraries of the two Societies have been already mentioned. The University library contains about six thousand volumes and two thousand pamphlets. It is especially useful to students of history and language. Its French and English editions of the Classics and of books illustrating Greek and Roman history, antiquities and mythology, are rare and valuable. A list of the contributions made to the College and Society libraries during the past year, will be found on another page.

SEMI-ANNUAL EXPENSES.

Tuition	\$30 00.....	\$30 00
Room rent and servant hire,..	5 00.....	5 00
Washing.....	6 00.....to.....	8 00
Board.....	40 00.....to.....	62 50
Wood.....	6 00.....to.....	8 00
Light.....	1 50.....to.....	2 00
Books.....	5 00.....to.....	8 00
	<hr/>	
	\$93 50	\$123 50

To these items must be added others which will be determined by the habits of the students themselves, viz: traveling expenses, clothing, furniture of room, pocket-money, and fees in one of the literary societies. Books and stationery will be furnished at New York retail prices.

The fees for tuition, room rent and servant hire must be paid in advance. The Bursar will receive any funds sent for the benefit of a student and disburse them according to the directions of his parent or guardian. Pains will be taken to confine the expenses of education at the University within reasonable limits. If the provisions of the "Act concerning the University,"* in Battle's Revisal, are faithfully observed, parents and guardians may feel confident that such desirable result will be secured.

*See APPENDIX.

REQUISITES FOR MATRICULATION.

For admission to the University, such preparation is required as may enable each student to pursue with advantage the course which he may select. As a rule, each matriculate must be sixteen years of age. Exceptions may be allowed at the discretion of the Faculty.

Examinations are required of those who desire to study Mathematics, Greek, Latin or English. Applicants are admitted without examination to the instruction given in other branches.

EXAMINATIONS FOR ENTRANCE.

IN LATIN.—Five Books of Cæsar's Gallie War, Four Books of Virgil's *Æneid* and Cicero's Select Orations.

Equivalents will be accepted, prose preferred to poetry. A thorough knowledge of forms is indispensable. Applicants are examined also on the "Exercises for Translation into Latin," contained in Bingham's Grammar, or in Gildersleeve's Primer and the 1st and 2d Courses of Gildersleeve's Exercise Book.

IN GREEK.—Grammar (Goodwin's or Hall's). Leighton's Greek Exercises, Xenophon's *Anabasis* (3 books), Grecian History, Geography and Mythology.

IN MATHEMATICS.—Arithmetic, Algebra (to Equations of Second Degree.)

IN ENGLISH.—English Grammar, History of the United States, Modern Geography.

Applicants wishing to pursue the scientific studies, including the branches relating to Agriculture and the Mechanic Arts, are examined in English and Arithmetic. Those desiring to take the Philosophical Course must, in addition, be examined in Latin or Greek, according to the selection made. For the Classical Course applicants must be examined on all the foregoing studies; Optional Students, on such of the above as relate to the studies they select.

For admission to advanced standing, applicants will be examined on the studies completed by the classes which they wish to join.

Courses of Study.

The Faculty recommend one of the following Courses :

1. CLASSICAL COURSE,

Requiring four years for its completion and leading to the Degree of Bachelor of Arts, (A. B.) This course corresponds to the old Curriculum, but with a larger measure of Scientific and English studies.

The figures in parentheses denote the number of Recitations or Lectures per week.

FIRST YEAR.—Mathematics (5), Latin (4), Greek (4), Rhetoric and History (2).

SECOND YEAR.—Mathematics (4), Latin (4), Greek (4), Zoölogy, Physiology and Botany (3).

THIRD YEAR.—Mathematics (3), French or German (3), Physies (3), Chemistry (5), Logic and Rhetoric (2).

FOURTH YEAR.—Mechanics and Astronomy (3), Geology and Mineralogy (3), Political Economy, Constitutional and International Law (3), English Literature (3), Psychology and Moral Philosophy (2).

2. PHILOSOPHICAL COURSE.

This course has been organized for those wishing to study only one Ancient Language, presenting a choice between Latin and Greek, and substituting other studies. This allows a still greater devotion to Scientific and English studies.

FIRST YEAR.—Mathematics (5), Latin or Greek (4), French (3), Rhetoric and History (2), English (2).

SECOND YEAR.—Mathematics (4), Latin or Greek (4), Physies (3), Chemistry (5).

THIRD YEAR.—Mathematics (3), Physies (5), Zoölogy, Physiology and Botany (3), German (3), Logic and Rhetoric (2).

FOURTH YEAR.—Mechanics and Astronomy (3), Geology and Mineralogy (3), Political Economy, Constitutional and International Law (3), English Literature (3), Psychology and Moral Philosophy (2).

3. SCIENTIFIC COURSE.

AGRICULTURE AND THE MECHANIC ARTS.

Special facilities are afforded in this course for practical training in Scientific studies, particular regard being had to the "branches relating to Agriculture and the Mechanic Arts." By diligent attention to the studies of this course students will acquire theoretical and practical knowledge of the Chemistry of Agriculture, the Botany of Agriculture, the Physics of Agriculture, the Mechanics of Agriculture, the Zoology of Agriculture, &c., as well as a competent knowledge of Mathematics, of German and French, in which languages are the chief publications on Agricultural Science, and of such English studies as will fit them to be useful citizens of their country.

Attention is called to the explanation given hereinafter of the aims of the Schools of Chemistry and Physics and the College of Natural History, as regards preparation for scientific pursuits. It will be seen that the special needs of the Southern people are provided for, instruction being given which will be of inestimable value to men of all professions and of every business.

FIRST YEAR.—Mathematics (5), Rhetoric (2), Chemistry (3), French (3), English (2), Book-Keeping.

Instead of the two studies French and English, either Latin or Greek may be substituted.

SECOND YEAR.—Mathematics (4), Chemistry (5), Physics (3), German or French (3).

THIRD YEAR.—Mathematics (3), Physics (3), Geology and Mineralogy (3), Zoölogy, Physiology and Botany (3), Logic (3), Elocution (1).

FOURTH YEAR.—Mechanics and Astronomy (3), Agricultural Chemistry and Botany (3), Political Economy, Constitutional and International Law (3), English Literature (3), Psychology and Moral Philosophy (2).

OPTIONAL COURSES.

The Faculty earnestly recommend students to pursue one of the regular courses. But in proper cases they are allowed to choose studies out of the courses, as may be deemed most advantageous, provided that they have fifteen class exercises a week, whether lectures, recitations or laboratory practice.

An Optional Course once chosen must be adhered to for the session, unless for special reasons the faculty shall allow a change. And no student

is allowed to take a course not deemed by the faculty worthy of his time and efforts.

AGRICULTURAL STUDIES.

By availing themselves of an Optional Course, students, whose time and means are limited, may obtain purely agricultural instruction in branches deemed of special value. The faculty recommend, however, that every sacrifice possible shall be made to secure a "symmetrical education."

Efforts are being made for the collection into a museum of the best models of plows and other agricultural implements to serve as models for the instruction of pupils. A considerable number is already on hand and others are expected. In this museum will be exhibited likewise specimens of the productions of the soil of the various parts of the State.

VOCAL MUSIC.

Prof. Eugene H. Wilson has been employed by the Faculty to give instruction in vocal music, which is offered to all students free of charge.

During the present year a class of eighty-seven has been formed, and much interest in the study is evinced.

Medals and Prizes.

THE LATIN MEDAL.

A gold medal is offered to the best scholar in the Latin class of the first year. The order of merit will be determined by written examinations.

MEDAL FOR ORATORY.

The Misses Mangum, of Orange, offer a gold medal as a prize for the best oration, at the Annual Commencement, *in memoriam* of their father, Willie P. Mangum.

THE CHEMISTRY MEDAL.

A gold medal is offered to the most successful student of Chemistry, practical and theoretical.

THE GERMAN PRIZE.

A volume of German Lyric Poetry is offered to the best scholar in the German class of the first year.

THE BINGHAM MEDAL.

Maj. Ro. Bingham, of the Bingham School, offers a gold medal to the student who shall stand the best entrance examination on Latin, Greek, Mathematics and English. The examination will be held Monday and Tuesday of commencement week and on the 27th and 28th of August next.

Degrees.

THE DEGREE OF BACHELOR OF ARTS is conferred upon those students who have passed approved examinations on the studies enumerated in the CLASSICAL COURSE.

THE DEGREE OF BACHELOR OF PHILOSOPHY is conferred upon those students who have passed approved examinations on the studies enumerated in the PHILOSOPHICAL COURSE.

THE DEGREE OF BACHELOR OF SCIENCE is conferred upon those students who have passed approved examinations on the studies enumerated in the SCIENTIFIC COURSE.

THE DEGREES OF DOCTOR OF PHILOSOPHY, MASTER OF ARTS, and MASTER OF SCIENCE, are conferred upon students who have completed post-graduate courses of study prescribed by the Faculty.

Every candidate for a degree is required to present an oration or essay before the public on commencement day.

College of Philosophy.

SCHOOL OF POLITICAL SCIENCE,

(Including Political Economy, Constitutional and International Law.)

PRESIDENT BATTLE

Instruction is given in these branches during three hours of every week for one year.

The instruction in Constitutional and International Law is conducted with the view of imparting a clear understanding of the genius of our own governments, State and National, and the relations between other countries and our own. The Constitution of the United States and that of this State are required to be accurately learnt. Then lectures are given showing the history of their formation, the most important questions which have arisen in regard to their construction, and the decision of those questions. To those who propose to pursue the legal profession, the course is of great value.

Special pains is taken to impress on the minds of the students the great epochs in the long struggle for the civil liberty now possessed by the English and American people.

In Political Economy care is taken to explain the application of the general principles of the science to the interests and pursuits of our own people. Lectures are given showing the theory of taxation, the financial history of the United States and of this State, and the principles and practice of banking as conducted in our own community.

Text Books and Books of Reference.—Flander on the Constitution; Curtis' History of the Constitution; Paschall's Annotated Constitution; Walker's Science of Wealth; Mill's Political Economy; Woolsey's International Law.

SCHOOL OF METAPHYSICS.

PROF MANGUM.

FIRST YEAR.—*Two recitations a week.*

FIRST TERM.—Logic.

SECOND TERM.—Rhetoric.

SECOND YEAR.—*Two recitations a week.*

FIRST TERM.—Psychology.

SECOND TERM.—Moral Science.

SCHOOL OF HISTORY.

Instruction will be given in this School as follows :

COURSE IN GENERAL HISTORY.

BY PROF. MANGUM,

SPECIAL COURSE IN GREEK HISTORY.

BY PROF. HOOPER,

SPECIAL COURSE IN ROMAN HISTORY.

BY PROF. WINSTON.

CONSTITUTIONAL HISTORY OF ENGLAND AND THE UNITED STATES

BY THE PRESIDENT.

Applicants for admission will be examined on the History of the United States. Stephens' School History is recommended.

The Course in General History is designed to give the student an intelligent idea of the nations and important events of the ancient, mediæval and modern periods, in their chronological order; thus providing a basis and cultivating a taste for more extensive historical studies.

The Special Courses in Greek and Roman History will be taught in connection with the study of the classics.

Important features in English and American History will be taught in the department of POLITICAL SCIENCE.

College of Mathematics.

PROFS. PHILLIPS AND GRAVES.

FIRST YEAR.—*Five recitations a week.*

Geometry, including a discussion of Transversals, Harmonic Division and other Modern methods of Elementary Geometry, Algebra, Theory of Numbers, Different Scales of Notation.

SECOND YEAR.—*Four recitations a week.*

Construction and use of Tables of Logarithms, Plane and Spherical Trigonometry with applications to Surveying, Heights and Distances, etc., Analytical Geometry of two Dimensions, Descriptive Geometry.

THIRD YEAR.—*Three recitations a week.*

Analytical Geometry of three Dimensions, Differential and Integral Calculus, Calculus of Variations, a Discussion of the Methods of Abridged Notation and Trilinear Co-ordinates. The Philosophy of Mathematics.

FOURTH YEAR.—*Three recitations a week.*

Theoretical Mechanics with numerous practical Applications, Astronomy.

In this Department the aim is to make the course comprehensive and extensive.

The student is assisted both in the class-room and out, and his progress tested by oral and written examinations.

Throughout the whole course great importance is attached to the solution of problems as the only way to insure a complete mastery of the subject. Written solutions of the more difficult problems are required and scope for originality is thus afforded and habits of accuracy developed.

As the class goes over each subject its history and growth are discussed; also the part it plays in physical research and in the technical pursuits of the present day is pointed out.

Book - Keeping.

PROF. GRAVES.

Facilities are afforded for learning the Science of Accounts

The subjects of Single Entry and Double Entry Book-Keeping are thoroughly explained and illustrated.

Each student is required to write numerous sets, including various short methods adopted by practical book-keepers. This exercise is continued until he is familiar with all the details as they occur in actual business. This course is invaluable, not only to those who intend to be accountants, but also to those preparing for any pursuit in life who wish to preserve a clear and concise record of their business transactions.

College of Literature.

This College embraces the Schools of Greek, Latin, English French and German.

The attention of teachers is directed to the prevalent neglect of the study of English, and especially to the necessity of practice in spelling and composition. The want of a competent degree of literary cultivation in our own language disqualifies many young men of good natural abilities for pursuing with success an advanced education.

In Latin and Greek, applicants for admission are too frequently ill prepared in the rudiments of Grammar, and unskilled in construction, while a large proportion are utterly ignorant of Ancient Geography, Mythology and History. Some of these defects may be remedied by constant exercise in composition, by frequent translations from one language into another, and by repeating or writing from memory the ideas expressed in the text. Cursory translation and careless criticism, without practice in writing, will not produce exact scholarship.

SCHOOL OF GREEK.

PROF. HOOPER.

The Greek Class of the first year has four recitations weekly, devoted to Herodotus, two books; Homer's Iliad, four books; and the Memorabilia of Xenophon. Exercises, in construction and composition, are employed to illustrate and fix the principles of Syntax.

Books used: Goodwin's and Hadley's Grammars, Leighton's Lessons, and Smith's Antiquities.

The second year, with four recitations, is given to the study of Demosthenes, and of selections from Plato and from the tragedians. A portion of the time is devoted to the History of Greece, its civil institutions, and intellectual development.

Books: Goodwin's "Moods and Tenses," Kühner's and Jelf's Grammar, Smith's History of Greece, with reference to Thirlwall and Grote.

An optional course for another year will consist of selections from Thucydides, Sophocles, Æschylus and Aristophanes.

Reference to Trench on "the Study of Words," and to Schlegel's Lectures on the Drama.

It is made a special object, in the course of instruction, to trace the development of the forms of the language, and to cultivate a critical observation of the transitions of meaning, and of the processes of thought involved in syntactical construction.

SCHOOL OF LATIN.

PROFS. WINSTON AND GRANDY.

The instruction given in this school embraces oral and written translations and criticisms of Latin authors, together with frequent practice in writing Latin. Roman history is taught by recitations from Merivale's General History, supplemented occasionally by lectures, and Classic Mythology and Antiquities are studied in connection with the Latin texts. There is also a course of lectures on Comparative Philology.

During the entire course great stress is laid on written translations, both of Latin into English and of English into Latin, and written examinations are held frequently during the session, as well as at its close. Every final examination includes the translation and criticism of a passage not previously read by the class.

COURSE OF STUDY.

FIRST YEAR.—*Four recitations a week.*

Selections from Livy, Cicero and Ovid; Latin Composition, Roman History.

SECOND YEAR.—*Four recitations a week.*

Selections from Horace, Tacitus and Juvenal; Latin Composition, Roman History, Comparative Philology.

THIRD YEAR.—*Three recitations a week.*

Selections from Terence, Virgil, Cicero and Quintilian, Original Investigations, Theses in Latin.

For parallel private reading.—Cicero, Tacitus, Sallust.

GRAMMARS.—Bingham, Gildersleeve, Madvig.

HISTORIES.—Mommsen, Merivale, Gibbon.

ATLAS.—Kiepert's Wall Maps.

SCHOOL OF ENGLISH.

PROF. MANGUM

FIRST YEAR.—*Two recitations a week.*

FIRST TERM.—English Grammar, Rhetoric and Elocution.

SECOND TERM.—History and Elocution.

SECOND YEAR.—*Two recitations a week.*

FIRST TERM.—Logic.

SECOND TERM.—Rhetoric.

THIRD YEAR.—*Two recitations a week.*FIRST TERM.—English Literature, (*two recitations a week*).
Literary Criticism and Original Speeches.SECOND TERM.—English Literature, (*two recitations a week*).
Literary Criticism and Original Speeches.

English is the Language that the student will write and speak during his life. It ought to be thoroughly learned, that it may be correctly and successfully used. To secure this, there is need of more care and labor in the primary schools and academies. The careless manner in which English is generally taught is a crying evil in the education of the day. By all means let the student, before he applies for admission into any course in the University, be well trained in orthography, the elementary rules and exercises in composition, and the grammar of his own language. If the preparatory English has been imperfectly taught, it is next to impossible to remedy the evil and train the mind to thoroughness and accuracy. These considerations are respectfully but earnestly urged upon all interested, as a matter of surpassing importance.

In the University the studies in English Literature, comprising both British and American, are designed to furnish not only a general knowledge of authors and their works, but also a more intelligent acquaintance with the principles of the several English branches previously pursued.

SCHOOL OF FRENCH.

PROF. HOOPER.

Three recitations weekly, for one year, are devoted to the study of the Grammar, including pronunciation, to the reading of Voltaire's Charles XII, Télémaque and select plays from Racine, Corneille and Molière, At-

tention is given to the idiomatic forms as compared with our own language and the classics.

An optional course is arranged for a second year, embracing the masterpieces of the French drama, specimens of oratory, history and poetry.

Books: Schele de Vere's Grammar and "Introduction." Reference to Vericour's French Literature.

SCHOOL OF GERMAN.

PROF. WINSTON.

FIRST YEAR.—*Three recitations a week.*

Comfort's Course, Whitney's Reader and Grammar.

SECOND YEAR.—*Three recitations a week.*

Schiller's Tell, Gæthe's Egmont.

Especial attention is paid to the development of the English language from its German basis and to a comparison of the vocabularies and idioms of these languages.

College of Natural Science.

SCHOOL OF CHEMISTRY.

PROFS. REDD AND GRANDY.

There are two courses in this School. The Lecture Course and the Laboratory Course. In the former, the class meets the Professor three times a week for ten months. The facts and principles of General Chemistry are presented in the following order.

1. Chemical Physics.
2. The Metalloids, their history and combination with each other.
3. The principles of Chemical Nomenclature, Symbols and Notation, the general principles of Chemical Philosophy.
4. The Metals, their history, combinations, etc.
5. Organic Chemistry.

Instruction is given by Text-Books and Lectures and illustrated with numerous experiments.

In the Laboratory Course, the students spend with the Professor six hours a week for a year. A deposit of \$12 is required at the beginning of the session to defray the cost of apparatus and chemicals.

These two courses enable a student to determine Qualitatively any unknown substance.

Text-Books : Fowne's Chemistry, Fresenius Qualitative Analysis.

SCHOOL OF APPLIED CHEMISTRY.

PROF. REDD

This course is designed to prepare students to become Analytical Chemists, Chemists of Manufacturers, Teachers of Chemistry, or Druggists, and also to afford special facilities for the training of Farmers and Physicians.

The course extends over two years. The first year's course is the same as that of General Chemistry.

In the second year's course Quantitative Chemistry is prosecuted until the student is able to determine quantitatively any substance. Lectures on Industrial Chemistry are given twice a week. Among the subjects discussed are the following : 1. The Metallurgic Processes—the extraction of the

useful metals as Iron, Copper, Lead, etc. 2. The principles and processes of the manufacture of Glass, Leather, Soap, Chemicals and Fertilizers, &c.

In order to afford, as far as possible special opportunities to the students preparing for the several scientific pursuits, the following courses have been arranged :

I. FARMER'S COURSE, including Analysis of Soils, Plants, as Beets, Turnips, &c. ; also, Analysis of Fertilizers—Barn-yard and Commercial—and as far as practicable, box and field experiments as confirmatory tests of Laboratory work. •

II. ANALYTICAL CHEMIST'S AND CHEMIST OF MANUFACTURER'S COURSE, including Analysis of Minerals, Manufacture of Products, and Assay of Ores.

III. DRUGGIST'S AND PHYSICIAN'S COURSE, including preparation of drugs, and the testing for their impurities, and the detection of poisons.

The scientific students spend five afternoons a week for five months in the Laboratory pursuing the Farmer's Course. A deposit of \$25 is made at the commencement of the session to defray the expenses of Chemicals and Apparatus.

Text-Books: Fresenius' Qualitative and Quantitative, Caldwell's Agricultural Chemistry, Johnston's How Crops Feed, Parrish's Pharmacy, Wagner's Chemical Technology.

CHEMICAL LABORATORY.

A large and commodious two-story brick building has recently been fitted up by the Trustees for an Analytical Laboratory. The Qualitative and Quantitative rooms are supplied with gas, water, and all the appliances necessary for the prosecution of Chemistry according to the most approved modern methods. We believe that the essential material advantages of this Laboratory are not excelled in the United States.

SCHOOL OF PHYSICS.

PROF. GRAVES.

FIRST YEAR.—The class meets twice a week during the year. In this class the object is to develop and explain leading principles by easy and familiar methods and to present to the student a *complete* course of *elementary* instruction in Physics.

Text-Book: Todhunter's Natural Philosophy.

SECOND YEAR.—The class meets three times a week during the year. The subjects of the preceding year are now treated in a more elaborate and

exhaustive manner. The first portion of the year is devoted to the Mechanics of Solids and Fluids, and the remaining and greater portion to Molecular Physics. In this branch of the subject special attention is given to the results of modern researches and generalizations.

Text-Book: Deschanel's Natural Philosophy.

Throughout both years numerous experiments are performed to illustrate and impress principles, and constant exercise in the solution of problems is required.

PHYSICAL LABORATORY.

Person Hall, a large and handsome building, which was partially burned, has been remodeled and set apart for a Physical Laboratory. The Trustees are constantly adding to the apparatus, and we shall soon be provided with all that is essential for giving instruction in quite an extended course in this science.

SCHOOL OF MINERALOGY.

PROF. GRANDY.

The course of Mineralogy occupies four hours per week in lectures and laboratory practice throughout the last five months of each session.

The leading object in this study is to make the student familiar with: 1, the description and methodical classification of the different minerals which nature presents to us; 2, the peculiar characteristics and methods by which they may be distinguished from one another; 3, the modes of occurrence and association of minerals and their geographical distribution, as well as the various applications that can be made of them as ores, in jewelry, and in the coarser arts.

The practice in the Laboratory will enable the student to determine any mineral. Each student in this course is required to pay five dollars for chemicals and materials consumed.

Text-Books and works of reference: Dana's Text-book of Mineralogy, Dana's System of Mineralogy, Von Cotta's Ore Deposits, Elderhorst's Manual of Blow-pipe Analysis, and Jannetaz on the Determination of Rocks.

College of Natural History.

The instruction in this College is eminently practical. It aims not only to promote the agricultural interests of our State and the South, but to furnish *all* with a large amount of valuable and necessary information. The development of our mineral resources demands a knowledge of the earth's crust—Geology. The structure of the human body, the causes of disease, and the laws of health are of vital importance to every individual. A knowledge of plants—their growth and their uses, is indispensable to the farmer and horticulturist. A consideration of all these subjects is included in the instruction of this College.

I. SCHOOL OF GEOLOGY.

PROF. SIMONDS

The subjects taught may be classed as follows:

I. General Geology, including

1. Physiography;
2. Geognosy;
3. Dynamical Geology;
4. Historical Geology;
5. Archæology.

Books of Reference: Dana's Manual and Text-book of Geology; Jukes and Geikie's Manual of Geology; Lyell's Principles; Le Conte's Geology; Reports of U. S. Geographical and Geological Surveys, and of the Surveys of the various States; Guyot's Earth and Man; Lubbock's Prehistoric Times; Foster's Prehistoric Races of the U. S.

II. The Geology of North Carolina, a Course of Lectures by the State Geologist, PROF. KERR.

The course in General Geology extends through the first session.

The class devotes the second session to the Special Lectures on North Carolina, and to Mineralogy.

2. SCHOOL OF ZOOLOGY.

PROF. SIMONDS.

The instruction consists of

- I. *A Course of Lectures and Recitations upon General Zoology*, including domesticated animals.
- II. *A Course of six Lectures upon Insects Injurious to Vegetation*.

The study of Zoology extends through the first session.

Books of Reference: Nicholson's Text-Book and Manual of Zoology; Orton's Comparative Zoology; Tenney's Manual of Zoology; Agassiz's Methods of Study in Natural History; Huxley's Anatomy of Vertebrated Animals; Cobbold's Entozoa; Packard's Guide to the Study of Insects; Harris' Insects Injurious to Vegetation; Coues' Key to North American Birds; Huxley & Martin's Biology.

- III. *A Course of thirty Lectures upon Human Physiology and Hygiene*, during the first half of the second session.

In this course the student is acquainted with his own structure. Particular care is taken to make clear those laws upon which health depends, and directions are given as to the proper course to pursue in cases of emergency.

It is recommended that the members of the class provide themselves with one of the following elementary works for reference: Cutter's or Dalton's Text Book of Physiology.

Books of Reference: Gray's Human Anatomy; Dalton's Human Physiology; Marshall's Human and Comparative Physiology; J. C. Draper's Physiology; J. W. Draper's Physiology

- IV. *Laboratory instruction in Zoology and Anatomy for advanced students*.

Advanced students will collect, name and arrange specimens of animal life occurring in the vicinity of Chapel Hill, and to those intending to become physicians an ample opportunity will be afforded for the dissection of the lower animals.

3. SCHOOL OF BOTANY.

PROF. SIMONDS.

In this School are included the following:

- I. A course of twenty Lectures upon Physiological Botany*, delivered during the last half of the second session.

Students taking this course are required to analyze and preserve at least fifty species of wild plants, twenty-five of which must be described according to Harrington's Plant Analysis. These are to be the property of the University Museum.

Books of Reference: Gray's Lessons and Manual of Botany; Gray's Structural and Systematic Botany; Oliver's Elementary Botany; Sach's Text-Book of Botany; Johnson's How Crops Grow; Johnson's How Crops Feed; Porcher's Resources of Southern Fields and Forests.

- II. An advanced course of instruction in Vegetable Physiology, together with original investigations upon the growth of Plants*

This course can be pursued only by those who have completed the preceding.

College of Engineering.

PROF. GRAVES.

FIRST YEAR.—*Four hours a week.*

1. Theory and use of Engineering Instruments, Land Surveying, Drainage and Irrigation. Practice in the field with the chain, compass, transit and level, supplements the instruction in the class room. While every refinement of surveying and levelling is thoroughly discussed and illustrated practically, the student is likewise taught how to use the ruder methods where the lack of time or instruments would forbid greater precision. Plots of the land adjoining the University are made, their contents estimated and their division according to various conditions effected.

2. Orthogonal and Oblique Projections, Projections of Shades and Shadows, Projections of Maps, Drawing. These subjects are illustrated and impressed by the execution of working drawings of buildings and of the simpler kinds of machinery, etc., etc. While this class constitutes a part of a technical course, it requires only a moderate knowledge of pure mathematics, and the subjects taught are of great advantage to the student who is seeking general culture only.

SECOND YEAR.—*Three hours a week.*

1. Survey and Location of Roads, Construction of Roads, Topography. Here again the student is made familiar with the methods of the text-book by actual field-work. Topographical Maps are drawn, Railroad Curves are staked out, Cuts and Fills computed, estimates of cost made and all the cases that occur in practice fully illustrated.

2. Geodesy, Hydrography. The methods and instruments used in U. S. Coast Survey are especially studied.

3. Mechanics with applications to the Arch, Foundations, Retaining Walls, Strength of Materials, etc., etc. Graphical Statics, Practical Examples.

4. Axonometric (including Isometric) Projections, Perspective, Drawing.

THIRD YEAR.—*Three hours a week.*

1. Structures of Wood, of Stone and of Metal, Building Materials, Stability of Structures, Bridge Construction, Drawing.

2. Kinematics, Hydraulic Engineering, Thermodynamics. Examples of celebrated structures are given, also of those with which the student may be familiar.

Agricultural Experiment--and Fertilizer Control Station.

DR. LEDOUX, *Director.*

W. B. PHILLIPS, *Assistant.*

The Act of the General Assembly of March 12th, 1877, creating the Department of Agriculture, contains the following clause:

"The Department of Agriculture shall establish, in connection with the Chemical Laboratory of the University at Chapel Hill, an Agricultural Experiment--and Fertilizer Control Station; and the Board of Trustees of the University, with the approval of the Department of Agriculture, shall employ an Analyst skilled in Agricultural Chemistry."

"It shall be the duty of said chemist to analyze such fertilizers and products as may be required by the Department of Agriculture, and to aid so far as practicable in suppressing fraud in the sale of commercial fertilizers.

"He shall also, under the direction of said Department, carry on experiments on the nutrition and growth of plants, with a view to ascertain what fertilizers are best suited to the various crops of this State; and whether other crops may not be advantageously grown on its soils, and shall carry on such other investigations as the said Department may direct."

It is about a year since the work of the Station was begun, under the direction of Dr. Albert R. Ledoux, and it has been received by the farmers of the State with every token of satisfaction. Every brand of fertilizer sold in the State has been, or is now being analyzed and its commercial value published. Besides the analyses of fertilizers, many others have been made of soils, marls, mineral waters, pond waters, well waters, sugar beets, &c., &c. All the analytical work is performed in the laboratories of the University and in the presence of the students, who are thus enabled to see the various manipulations of organic and technical analysis performed in their presence by skillful hands, and thus derive much benefit from the presence of the Experiment Station.

Many reports have been published in various forms and have not only embodied the results of the analytical work, but also other valuable matter, such as "Directions and Formulæ for Composting," "Common Poisons and Handy Antidotes," "Directions for Vinegar Making;" papers on "Analysis and Valuation of Fertilizers," "Directions for Utilizing Bones," "Formula for Tobacco," "Savannah Lands of Columbus County," "A Soil in Harnett County," &c., &c., &c.

Experiments with fertilizers are in progress in three or four localities, under the direction of the Station.

The publications above mentioned, with the rigid examination of fertilizers, and the work in the Laboratory in which the students will be allowed to participate when practicable, render the Experiment Station of great good, not only to the State at large, but to the students, who wish to take advantage of the facilities the University affords for theoretical and practical instruction in the chemistry of agriculture and of commerce.

Law School.

JUDGE BATTLE, *Professor.*

This Department contains two classes :

1. The INDEPENDENT CLASS, consisting of Students who have no connection with any of the University classes, and are not subject to any of the ordinary University regulations.
2. The UNIVERSITY CLASS, consisting of such students of the University as are allowed by the faculty, in addition to their regular duties, to pursue the study of the Law.

The plan of studies comprises Blackstone's Commentaries, Williams on Real Property, Williams on Executors, Saunders on Uses and Trusts, Stephens on Pleading, Chitty's Pleading, Adam's Doctrine of Equity, Stephen's on Evidence, and the Code of Civil Procedure.

While particular attention is directed to preparation for obtaining License to practice Law in the Courts of this State, it is endeavored to give the student a broad, liberal knowledge of the law. Wherever the law in North Carolina differs from that enunciated in the text-books, information is given of such difference and the reason therefor.

A Moot Court for the discussion of Law questions and for instruction in the practice of the Courts, will be held by the Professor at such times as the students may desire it.

Lectures are given from time to time on such subjects as have been greatly modified by our statutes, such as Marriage, Descent, Wills, Limitations, &c.

By courtesy of the Librarians of the University, and of the Dialectic and Philanthropic Societies, the Independent Students have access to their valuable libraries, amounting in the aggregate to near twenty thousand volumes. And by joining one of these Societies they can share in the great benefit derived from participation in their debates and other exercises. They have the opportunity too, on easy terms, if they so desire, to attend the lectures of the President of the University on Constitutional History and Constitutional and International Law, and such other Lectures as they may deem for their benefit.

To complete the course from the beginning will ordinarily require two years for the Independent Class, at the end of which the DEGREE OF BACHELOR OF LAW will be conferred on such students as by their proficiency may be entitled to it. Those joining a class during the course, standing

an approved examination on the books already read, or their equivalents, will be allowed to compete for this degree.

The Professor of Law is not subject to the ordinary University regulations, and receives no salary from the Trustees of the University; but is entitled to demand from each member of the Independent Class fifty dollars per session, and from each member of the University Class thirty-five dollars per session. Any student entering for the whole course and paying one hundred and fifty dollars shall be entitled to attend it without further charge. The sessions and vacations of this department are the same as those of the University, but the Professor will, when not absent from Chapel Hill, give instruction during the vacations to such members of either class as desire it, without any extra charge.

Students will be received at any time and for any periods. In such cases reasonable deduction of tuition fees will be made.

Board can be had at Chapel Hill at reasonable rates.

Recipients of Medals, 1876-'77.

LATIN MEDALS.

BATTLE, THOMAS HALL.

LONG, ISAAC HENRY.

PHYSICS MEDALS.

BAKER, JULIAN MEREDITH.

FREMONT, FRANK MURRAY.

MEDAL FOR ORATORY.

FREMONT, FRANK MURRAY.

Graduates, June 7, 1877.

BACHELOR OF PHILOSOPHY.

PHILLIPS, WILLIAM BATTLE.....	Chapel Hill.
-------------------------------	--------------

BACHELORS OF SCIENCE.

BAKER, JULIAN MEREDITH.....	Tarboro.
FREMONT, FRANK MURRAY.....	Wilmington.
POWELL JOSEPH CLAY	Tarboro.
TAYLOR, JAMES COLE.....	Chapel Hill.

Donations to the University Library.

By John Ericsson, LL. D.: Contributions to the Centennial Exhibitions.

By Professor O. P. Marsh: Vertebrate Life in America.

By Hon. A. S. Merrimon: Zoölogy of U. S. Geographical Survey, Vol. V; Zirkel's Microscopical Petrology; U. S. Geological Survey; Proceedings of Electoral Commission, 2 copies; Statutes of the United States, 1876-'77; Message and Documents Department of State, parts 1 and 2, 1875-'76; Message and Documents, (abridg.) 1875-'76; Message and Documents, Navy, Postmaster and Attorney Generals, 1875-'76; Message and Documents, War Department, 1875-'76; Message and Documents, Interior Department, 1875-'76; Report of Chief of Bureau of Statistics, 1875; Report of U. S. Geological Survey for 1874; Report of Commissioner of Agriculture, 1876; Report of Silver Commission, Vol. I; Smithsonian Report, 1876; Cope and White's Palæontology, U. S. Geological Survey.

By Hon. J. J. Davis: Memorial Addresses upon Hon. M. C. Kerr; Commercial Relations, 1875; Commercial Relations, 1876; Congressional Record, vol. 6, 2 copies.

By Brig. Gen. A. A. Humphreys, U. S. A.: Report of Chief of Engineers U. S. A., 1877, 2 vols.; Maps of Battle of Gettysburg, 3 sheets.

By State of North Carolina: North Carolina Reports, vol. 77, 3 copies.

By Clarence King: Report of U. S. Geological Exploration west of 40th parallel.

By the Department of State: Foreign Relations of the United States.

By the Smithsonian Institution: Smithsonian Report, 1876.

By the University of Missouri: Missouri State University Report.

By A. S. Barnes & Co.: The Teacher's Library, 20 vols.

By the Department of the Interior: Contributions to the History of Medical Education.

By J. B. Lippincott & Co.: Worcester's Unabridged Dictionary; Wickersham's Methods of Instruction; Wickersham's School Economy; Sandford's Analytical Arithmetic.

By the Sheffield Scientific School: Eleventh and Twelfth Annual Reports.

By President Battle: Catalogues, 2 vols.; Macgregor's Commercial Statistics, 5 vols.; Hazzard's Commercial and Statistical Relations, 5 vols.

By the Commissioner of Patents: Official Gazette of U. S. Patent Office.

By American Unitarian Association: "Reason, Faith and Duty," Sermons by the late President Walker, of Harvard University.

By President A. S. Welch: Seventh Biennial Report of Iowa Agricultural College.

By Boston (Mass.) Public Library: Bulletin No. 44, Boston Public Library.

By the Commissioner of Education: Report of Commissioner of Education, 1876.

By the Secretary of the Treasury: Report of Secretary of Treasury, U. S., 1877.

By Treasury Department: Report of Chief of Bureau of Statistics.

By the Republic of Mexico: Monthly Meteorological and Astronomical Observations.

By Capt. Fred. Phillips: Arabic Book.

By the Publishers: *Country Gentleman*, *New England Farmer*, *Charlotte Democrat*, *Statesville Landmark*, *Dwight's Musical Journal*, *Oxford (N. C.) Free Lance*.

THE FRANCIS J. SMITH DONATION.

In accordance with the wishes of the late Dr. Francis J. Smith, his sister, Miss Mary R. Smith, has donated to the University Library his valuable medical works, 200 volumes, viz:

Parr's Medical Dictionary, 2 vols.; Bell's Engravings, 3 vols.; Armstrong on Fever; Huxham on Fevers; Wilson on Febrile Diseases, 2 vols.; Potts Surgery, 2 vols.; Delarue, *Maladies des Yeux*; London Dissector; Larrey's Surgery; Desault's Surgery; Rush's Pringle; Barton's *Materia Medica*; Dunglison's Therapeutics and *Materia Medica*, 2 vols.; Mackintosh's Practice of Physic, 2 vols.; Abernethy's Surgery; Dickson's Practice, 2 vols.; Dunglison's Practice of Medicine, 2 vols.; Oliver's Physiology; Williams' Principles of Medicine; Hooper's Medical Dictionary; Magendie's Physiology; Dewees on Children; Dewees on Females; Dewees' System of Midwifery; Orfila on Poisons; Bartlett's Treatise on Fevers; Lænnec on the Chest, 2 copies; Horner's Special Anatomy, 2 vols.; *Formulæ Selectæ*; Eberle's Therapeutics, 2 vols.; Dunglison's General Therapeutics; Dunglison's Medical Dictionary; Boyle's *Materia Medica* and Therapeutics; Kost's *Materia Medica* and Therapeutics; Wood's Practice of Medicine, 2 vols.; Wood's Therapeutics, 2 vols.; Cyclopædia of Practical Medicine, 4 vols.; Gross' System of Surgery, 2 vols.; Ramsbotham's Process of Parturition; Medical Journal, 22 vols.; Cullen's Practice; Larrey's Surgical Essays; Meigs' Female Diseases; Dunglison, *New Remedies*; Good's Study of Medicine, 5 vols.; Tanner's Manual of Clinical Medicine; Johnson, Nurse's Guide; Matterson, Manual of Direction for Injections, &c.; Medical Essays; Rush on Fever; Daniell on Fever; Hare's Minutes; Gooddard on the Nerves;

Fabricii Opera Chirurgic; Hunter on the Blood; Johnson on Cancer; Rush on the Mind; Bichat on Pathology; Churchill on Diseases of Females; Horner's Practical Anatomy; Wistar's Anatomy; Carmichel on Cancer; Williams, Pulmonary Consumption; Medical Dictionary; Broussais, Physiology applied to Pathology; Velpeaus Midwifery, Hey's Surgery; Wood, Syllabus of Lectures; Stokes and Bell's Practice; Bache's Chemistry; Lieutand's Synopsis; Lind on Disease, Edinburgh Dispensatory; Bell's Anatomy, 2 vols.; Chaptal's Chemistry, 2 vols.; Cooper's Surgery, 2 vols.; Eberle's Practice, 2 vols.; Dorsey's Surgery, 2 vols.; Lachapelle, Pratique des Accouchemens, 3 vols.; Johnson on Tropical Climates; Thompson on Varioloid; Balie's Anatomy; Bell's Surgery, 2 volumes; Rayer, Traite des Maladies de la Peau; Rush's Inquiries, 5 volumes; Johnes & Sherwood American Practice of Medicine; Robertson's Medical Police, 2 volumes; Earle's Visit to Insane of Europe; Halstead, Method of Curing Dyspepsia; Cheyne's Works, 2 volumes; What to Observe in Medical Cases; Manhood, Causes of its Premature Decline; Waterson's Practice of Physic; Paine, Epitome of American Eclectic Practice; Gibson's Surgery, 2 vols.; Johnson on the Liver; Hamilton on Purgative; Hodge, Diseases Peculiar to Women; Gregory's Practice of Physic, 2 vols.; Blumenbach' Elements of Physiology; Tredgold's Treatise; Hillary on Air; Thomson on Inflammation; Chapman on Burns; Chapman's Therapeutics, 2 vols.; Dewees' System of Midwifery; Hall on Diagnosis; Currie, Diseases in U. S.; Faithhorn on Liver; Traite Zoologique, &c.; Coxe on Vaccination; Philip on Indigestion; Philip's Inquiry; Richerand, Elements of Physiology; Underwood on Disease of Children; Dissertations upon diseases of Digestive Organs, &c.; Saunders on Eye and Ear; Bells Arteries; Scudamore on Gout, &c.; McLean on Hydrothorax; Lind on Climate; Frost & Dickerson's Syllabus; Brown's Elements of Medicine; Timbrel on Ruptures; Grave's Pocket Conspectus; Davis on Treatment of Carditis; Pemberton's Treatise on Various Diseases; American Dispensatory; Doane's Surgery Illustrated; Bell on Venerea.

ADDITIONS AND DONATIONS TO THE UNIVERSITY MUSEUM.

During the year the collections have been largely increased. To the Geological and Mineralogical cabinet have been added the following :

By purchase: Sulphur, Sicily; Coal var. Jet. El Paso County, Colorado; Graphite, Colfax county, New Mexico; Copalite, Zanzibar, Africa; Asphaltum, Cuba; Petroleum, Petrolia, Canada; Quartz, Clear, Hot Springs, Arkansas; Quartz, Amethyst, Thunder Bay, Lake Superior; Quartz, Rose, Southford, Connecticut; Quartz, Smoky, Pike's Peak, Colorado; Quartz, Milky, Philadelphia, Pennsylvania; Quartz, Green, Solonore county, Pa.; Quartz, Ferruginous, Philadelphia; Quartz, Chalcedony, Yellowstone Nat. Park; Quartz, Carnelian, Germany; Quartz, Agate, Agate Harbor, Lake Superior; Quartz, Moss Agate, Middle Park, Colorado; Quartz, Flint, Dover Cliffs, England; Quartz, Honestone, Hot Springs, Arkansas; Quartz,

Jasper, Bijou Basin, Colorado; Quartz, Heliotrope, Bloodstone, South Park, Colorado; Quartz, Silicified Wood, Bijou Basin, Colorado; Quartz, Agatized Wood, Bijou Basin, Colorado; Quartz, Itacolumite, Rutherford county, North Carolina; Opal, Opalized Wood, Bijou Basin, Colorado; Pyroxenë, Burgess, Canada; Rhodonite, Franklin, New Jersey; Amphibole var. Asbestos, Hartford county, Maryland; Beryl, Aekworth, New Hampshire; Willemite, Franklin, New Jersey; Garnet, Magnet Cove, Arkansas; Zircon, Buncombe county, North Carolina; Epidote, Ontonagon county, Lake Superior; Allanite, Amherst county, Virginia; Astrophyllite, El Paso county, Colorado; Magnetized Muscovite, Chester county, Pennsylvania; Lepidolite, Paris, Maine; Albite, Pike's Peak, Colorado; Orthoclase (white,) Pike's Peak, Colorado; Orthoclase (green,) Pike's Peak, Colorado; Tourmaline, Plainville, Connecticut; Datolite, Bergen Hill, New Jersey; Labradorite, Orange county, New York; Chrysocolla, Mammoth Mine, Utah; Calamine, Granby, Missouri; Stilbite, Nova Scotia; Talc, Cherokee county, North Carolina; Serpentine, Montville, New Jersey; Soda Nitre, Peru; Halite, Camp Supply, Indian Territory; Barite, Cheshire, Connecticut; Celestite, Huntington county, Pennsylvania; Gypsum, variety Selenite, Camp Supply, Indian Territory; Fluorite, Pike's Peak, Colorado; Apatite, Burgess, Canada; Calcite, Dog Tooth Spar, Mineral Point, Wisconsin; Dolomite, St. Louis, Missouri; Corundum, Jackson county, North Carolina; Cryolite, Ivigtuk, Greenland; Wavellite, Montgomery county, Arkansas; Iron, Meteoric, Augusta county, Virginia; Magnetite (lodestone,) Magnet Cove, Arkansas; Franklinite, Franklin, New Jersey; Hematite, Ishpeming, Michigan; Goethite, Pike's Peak, Colorado; Limonite, Negaunee, Michigan; Pyrite, Colorado; Siderite, Antwerp, New York; Menaccanite, Rhode Island; Dufrenite, Magnet Cove, Arkansas; Chromite, Texas, Pennsylvania; Samarskite, Mitchell county, North Carolina; Pyrolusite, Staunton, Virginia; Psilomelane, Georgia; Smaltite, Chili; Millerite, St. Louis, Missouri, or Erythrite, Chili; Zincite, Franklin, New Jersey; Blende, Granby, Missouri; Greenockite, Granby, Missouri; Cassiterite, Durango, Mexico; Rutile, Magnet Cove, Arkansas; Brookite, Magnet Cove, Arkansas; Galenite, Joplin, Missouri; Bismuth, Monro, Connecticut; Arsenic, native, Saxony; Stibnite, Victoria, Australia; Molybdenite, Philadelphia, Pennsylvania; Copper, Lake Superior, Michigan; Cuprite, Frisco Mts., Arizona; Bornite, Chili; Chalcopyrite, Colorado; Malachite, Cheshire, Connecticut; Azurite, Mammoth Mine, Utah; Cinnabar, California; Silver, Lake Superior; Proustite, Chili; Embolite, Silver City, New Mexico; Gold, Victoria, Australia; Petzite, Am. Mine, Colorado; Platinum, Urals, Russia.

By Professor Kerr: Mica, Watauga county; Orthoclase, Mitchell county; Hematite, Orange county; Albite, Yancey county; Pyrolusite, Caldwell county; Chromite, Watauga county; Chalcopyrite, Chatham; Pyrite, Gaston; Calcite, New York; Apatite, Mitchell county; Asbestos, North Carolina; Mica, North Carolina; Gold bearing Quartz, Mont-

gomery county : Hornblende Shist, Blue Ridge ; Gneiss, Raleigh ; Granite, Dunn Mt., N. C. ; Augengneiss, Caldwell county ; Hornblende Gneiss, Black Mountains ; Magnesian Gneiss, Raleigh ; Black Marble, Cherokee county ; Meta-diabase, Durham ; Graphitic Shist, Wake county ; Fire Stone, Lincoln county ; Green Sand, Cape Fear River ; Clay Slate, Chapel Hill ; Eocene Rock, Pender county ; Triassic Diorite, North Carolina ; Palaeotrochis, Montgomery county ; Eocene Limestone, Goldsboro ; Marl, Jamesville, N. C. ; 50 specimens of N. C. Fossil Shells.

By the Rev. Gabriel Johnson : A valuable set of Colorado Silver and Lead Ores.

By Mr. Arthur Arrington : Gold ore, North Carolina.

By Mr. W. A. Betts : Large Quartz Crystal.

By Dr. Ledoux : Specimens of Fertilizer.

By Mr. J. F. McMillan : Specimens of Indian Pottery.

By Surgeon S. Westray Battle, U. S. N. : Shark's Teeth from South Carolina Phosphate beds.

To the Zoölogical collection there have been added a fine cabinet of Insects from Chapel Hill and the vicinity, together with a collection of Reptiles, made by Professor Simonds and his students.

Further additions have been made as follows :

By Mr. J. C. Taylor : An Alligator and Fox.

By Mr. Jos. McLaurin : A pair of Paroquets from Madeira Islands.

By Students of the University : Many specimens of Native Birds.

By Professor Simonds : Various Anatomical Preparations.

The Herbarium has been increased by a collection of plants from the Commissioner of Agriculture, Washington, D. C., and by the collections of the Botanical classes.

Further contributions are as follows :

By Misses Lucie Lunsford and Mollie Blow : Sea Oats.

By Mr. W. W. Ipark : " German Cucumber."

By Dr. H. H. Cobb : Specimen of Sea Oats.

By President Battle : Specimen showing a peculiar growth of Wire Grass.

By Mr. A. T. McIver : Native Woods.

By R. T. Bonner : Indian Arrow Beads.

Dr. A. R. Ledoux : 25 specimens of the ingredients of standard fertilizers.

Dr. Geo. L. Kirby : Marl, Wayne county.

Col. W. S. Pearson : Iron Ore, Tourmaline, Pyrite, Graphite, Asbestos, Garnet from Burke county ; Chalcopyrite, from Ashe county.

Col. P. B. Means : Chalcopyrite, from Big Phoenix Mine ; Gold Ore, from Bangle Mine, Cabarrus county.

Rev. A. D. Betts : Specular Iron Ore, Orange county.

Mr. B. Nooe : Limonite, from Davidson county.

Donations.

OF APPARATUS FOR INSTRUCTION IN CHEMISTRY AND PHYSICS.

At the solicitation of Mrs. Cornelia Phillips Spencer, the following donations have been made by ladies of the State of Apparatus for instruction in Chemistry or Physics :

By the Pupils of Misses Nash and Miss Kollock's School, Hillsboro's Plateau's Apparatus.

By the Ladies of Louisburg, through Mrs. J. J. Davis : Parallelogram of Forces.

By the Pupils of Salem Female School : Fortin's Barometer.

By the Ladies of Raleigh, through Mrs. Annie Moore Parker, Treasurer : Atwood's Machine, Galvanometer and Thermo Electric Pile.

The ladies of Hillsboro have donated *in memoriam* of the late Hon. Wm. A. Graham, Holtz Electrical Machine, giving a 20 inch spark.

By the Ladies of Salisbury, through Miss May Wheate Shober : "Hydraulic Press and Turbine Wheel."

TO AGRICULTURAL MUSEUM.

By Col. John Ott, Secretary of the Southern Fertilizing Company : Framed portraits of Baron Justus von Liebig ; of John Bennet Lawes, LL. D., F. R. S., &c., of Rothamsted, England ; of Prof. S. W. Johnson, of the Sheffield Scientific School of Yale College, Author of "How Crops Grow," &c.

By the Manufacturer, Statesville, N. C. : Best's Patent Southern Renovator, Subsoil and Turning Plow combined.

By C. A. Hege, Salem Agricultural Works : Salem Plow, No. 5 ; Salem Plow, No. 7.

DONATIONS TO THE DIALECTIC SOCIETY.

The Dialectic Society returns thanks for the following books presented during the last year, viz :

By Pres't Battle : 9 vols. Ill. London News ; Statistics of the Ninth Census, 7 volumes ; Report of Commissioner of Education, '70 and '72 ; Treaties and Conventions between the United States and other Powers ;

U. S. Geological Survey of Wyoming and adjacent Territory, 3 vols.; Acts passed by the 42d Congress, 2 vols.; Ku Klux Conspiracy, 15 vols.; Department of Agriculture, '69 and '71; Message and Documents, 10 vols.; Land Office Report, '69 and '71; Mineral Resources West of the Rocky Mountains; Report of Chief Signal Officer, '72; Commercial Relations, '70 and '71; Credit Mobilier, 2 vols.; Smithsonian Report, '70 and '71; Finance Report, '68; Report of International Penitentiary Congress; Eighth Census, 2 vols.; Explorations for a Rail Road to the Pacific, 4 vols.; U. S. Coast Survey, 3 vols.; Military Commission to Europe.

From Hon. J. J. Davis: Congressional Record for 1877; Commercial Relations, 2 vols.; Memorial Addresses on Michael C. Kerr.

From Hon. A. M. Waddell: Memoir of Andrew Johnson; Memorial Addresses on Michael C. Kerr.

From Mrs. C. P. Spencer: Transactions of Wisconsin Historical Society, 2 vols.; London Catalogue; Auditor General's Report; Walker's Manly Exercises.

From Dr. Eugene Grissom: 27 old Text Books, once the property of Mr. John B. Bobbitt, deceased.

From Hon. W. L. Steele: Congressional Record for 1877.

From N. O. Ramsey: Delhis Natura.

From John Nichols: Clingman's "Speeches and Writings."

To Col. Wm. L. DeRosset, of Wilmington, the Society is indebted for a Memorial Cane of great interest, presented to the Museum.

At the request of the Dialectic Society, the following portraits have been presented to the Society:

Hon. John W. Ellis, deceased; Dr. F. J. Haywood, Col. Thomas M. Holt, Bishop W. M. Green, Rev. Wm. Norwood, D. D., Hon. R. P. Dick, Bishop T. F. Davis, deceased, Hon. D. M. Courts, D. G. Worth, Esq., Gov. Vance, Hon. J. A. Engelhard, Gen. J. F. Hoke, R. H. Battle, Jr., Esq., Dr. A. J. DeRosset, Prof. W. C. Kerr, J. S. Carr, Esq., J. L. Morehead, Esq., Col. Wm. Johnson, Dr. A. R. Ledoux, Col. Robert H. Cowen, deceased, Hon. W. B. Staples, Rev. A. M. Shipp, D. D., Dr. J. B. Jones, Maj. R. Bingham, Col. J. B. Wheeler, J. M. Spencer, Esq., Hon. P. C. Cameron, Major R. S. Tucker, Gen. Rufus Barringer, Hon. K. P. Battle, Rev. Charles Phillips, D. D., Hon. Burton Craige, dec'd, Hon. John Kerr, Hon. A. M. Scales, Hon. Walter L. Steele, Gov. Tod. R. Caldwell, dec'd, Col. Gaston Mears, dec'd, Col. Wm. Bingham, dec'd, Hon. S. J. Person, dec'd, Rev. Thos. B. Slade, Dr. E. Burke Haywood, Rev. C. F. Deems, D. D., Col. Jno. W. Cunningham, Hon. Will: H. Battle, W. J. Bingham, Esq., Hon. F. C. Strudwick, Oil Portrait, life size, of Hon. T. L. Clingman, Rev. Basil Manly, D. D., Prof. A. A. Slade.

DONATIONS TO THE PHILANTHROPIC SOCIETY.

By Mrs. John H. Bryan : Oil Portrait of Hon. John H. Bryan.

At the request of the Society, Col. Thos. R. Kenan has presented his photographic likeness.

By R. H. Graves, Jr. : Crayon Portrait of R. H. Graves, Sr.

W. R. Kenan, cash \$10.

BOOKS.—Public Documents, by Hon. Thos. S. Ashe ; Public Documents, by Hon. Joseph J. Davis ; N. C. Reports, 77 ; Writings and Speeches of Gen. T. L. Clingman, by John Nichols ; Brie-a-Brac Series, VI of one by $\frac{1}{2}$ dozen of the other, Gulliver's Travels, by F. D. and R. W. Winston ; Catesby's Natural History of the Carolinas ; Sanhope's Charron of Wisdom, 3 vols., by Dr. Fred. C. Lente, New York.

Public Documents, by President Battle.

JOURNALS.—Official Gazette of the U. S. Patent Office, by Government ; *Hillsboro Recorder*, *Germantown Gazette*, *Atlantic Review* and *Wilson Advance*, by the Editors.

The following act of the General Assembly is published for the information especially of parents and guardians.

AN ACT CONCERNING THE UNIVERSITY OF NORTH CAROLINA.

(BATTLE'S REVISAL, CHAPTER 113.)

1. Any license granted to retail spirituous liquors, wines or cordials at Chapel Hill, or within two miles thereof, shall be void.

2. No person shall erect, keep, or maintain or have at Chapel Hill, or within two miles thereof, any tippling house, establishment or place, for the sale of wines, cordials, spirituous or malt liquor.

3. No person in the State, without permission in writing, from the President of the University, or some member of the Faculty, shall sell or offer to sell or deliver to any Student of the University, or to any other person, any cordial, wine, spirituous or malt liquor, for the purpose of being used, or with knowledge that the same will be used at Chapel Hill, or within two miles thereof by any such Student.

4. No person at or within two miles of Chapel Hill, shall give or furnish any electioneering treat or entertainment.

5. No person shall set up, keep or maintain at Chapel Hill, or within five miles thereof, any public billiard table, or other public table of any kind, at which games of chance or skill, by whatever name called, may be played.

6. No person, without permission in writing obtained therefor from the President of the University, or some member of its Faculty, seven days beforehand, shall exhibit at Chapel Hill, or within five miles thereof, any theatricals, slight of hand or equestrian performances, or any dramatic recitations or representations, or any rope or wire dancing, natural or artificial curiosities, or any concert, serenade, or performance in music, singing or dancing.

7. Any person who shall offend against any of the provisions of this chapter, hereinbefore recited, shall be deemed guilty of misdemeanor.

8. Any contract or agreement by any Student of the University, being then a minor, with any shop-keeper, merchant, trader, or other person, upon the sale of any wine, cordial, spirituous or malt liquors, or of any goods, wares or merchandise, or of any article of trade, or with the keeper of any livery stable, shall be void, unless the same, if made at or

within two miles of Chapel Hill, be made under the written permission of the President of the University, or some member of its Faculty ; or if made at a greater distance from Chapel Hill, under the written consent of the person who may have the control or authority of such Student.

9. Every contract made with a Student of the University, contrary to the provisions of the preceding section, shall be void, and may be avoided on account of any of the matters therein contained on the plea of the general issue ; on the trial whereof, if it appear that the defendant was, at the time of the alleged contract, a Student of the University, it shall be presumed that he was, at the making thereof, a minor.

10. Every such contract shall be incapable of being confirmed, and any promise or obligation given by such Student, after his arrival at full age, shall be void.

DONATIONS—CORPORATE NAME.

Donations for the benefit of the University should be made to "The Trustees of the University of North Carolina," the corporate name. By section 2 of chapter 236, of Laws of 1874-'75, the Trustees have the power to receive donations to be exclusively devoted to the re-establishment and revival of the University and the maintenance of the same, or according to the terms prescribed by donors.

NORMAL SCHOOL.

The University Normal School.

In accordance with the Constitution of the State, (Art. IX. Sec. 14.) the General Assembly, by act ratified March 9th, 1877, entitled "An act to establish Normal Schools," authorized the Board of Education to establish such a school in connection with the University.

The Board, with the concurrence of the Trustees and Faculty of the University, concluded to have a summer Normal School of six weeks duration, beginning the 3rd of July, 1877, the instructions to be by experts trained in Normal methods. No charge was made for tuition. Pecuniary aid was given out of a fund of \$500. donated by Rev. Dr. Sears, Agent of the Peabody Fund, to those unable to meet their necessary expenses.

Females were invited to attend the school exercises. The dormitories, recitation rooms, laboratories and halls of the University were thrown open for the use of the school, and free access was given to the Museum and libraries of the University and of the two Societies.

The branches taught were Arithmetic, written and mental, Grammar, Analysis, Geography, Reading, Orthography, Phonetics, Penmanship, Vocal Music, School Discipline, Methods, Organization, Qualification, Legal Relations of Teacher, parent and child. The instruction was by recitation and lectures, seven hours each day being spent in the regular exercises of the class-rooms.

Various prominent gentlemen, by request, without charge, delivered addresses before the school on topics of interest and importance. A list of their names and subjects is given below.

The number of attendants upon the school was large beyond expectation, being 235 enrolled, with an average daily attendance of 157, representing 42 counties, and all sections of the State.

The male members of the school were encouraged to form a debating society. Public debates were had and compositions read.

DONATIONS.

To the labors of Mrs. Cornelia Phillips Spencer the Normal School is indebted for regular and most intelligent reports of its operations, thereby arousing public interest and kindling enthusiasm among the students.

Rev. Dr. B. Sears, agent of the Peabody Fund, in addition to the \$500 granted for expenses of those unable to pay, made valuable gifts of

school books, as also did the firm of A. S. Barnes & Co., of New York, through Mr. R. H. DeLea, among which are the following :

Watson's Independent Readers, 1st, 2nd and 3rd.

Monteith's Geography and Atlas.

Clarke's English Grammar.

Teachers' Library.

Song Book.

Messrs. Lippincott & Co., of Philadelphia, through Mr. Martin V. Calvin, presented to the school 200 copies of Sanford's Arithmetic, a work of great value.

These donations of books which, at the request of the donors, with the exception of the Teachers' Library, became the property of the normal students, relieved the school from the necessity of expending any money for the purchase of school books, except \$40 for 100 copies of Fillmore's Hours of Song.

Donations by their editors, of twenty-five copies of the *Daily Observer* and *Daily News*, of Raleigh, were highly prized and were of great advantage to the school, as were also complete sets of the "Journal of Education" to each student, presented by Col. S. D. Pool.

FACULTY OF NORMAL SCHOOL.

Messrs. John J. Ladd, Superintendent of the Public Schools of Staunton, Va.;

S. H. Owens, formerly Superintendent of the Public Schools of Petersburg, Va., of late President of Deshler Female Institute of Tuscumbia, Alabama ;

Alexander McIver, formerly Superintendent of Public Instruction in North Carolina, now Principal of the graded school at Greensboro, North Carolina ;

Julius L. Tomlinson, formerly Professor of Santa Barbara University, of California, late a Professor in the Central Teachers' Institute, held at Greensboro, in this State ;

Eugene H. Wilson, (assisted by Mr. Charles L. Wilson,) an accomplished musical instructor, teacher of vocal music.

Mr. John E. Dugger, Principal of the graded school at Raleigh, was chosen Secretary.

At the request of a number of normal students, Mr. George T. Winston, Professor of Latin and German in the University, organized and conducted a class in the Latin language.

Prof. Ladd, by request of the Board, acted as Superintendent of the school.

LECTURES.

His Excellency, Governor Vance, on "America, the Granary of the World."

Prof. Kerr, State Geologist, three lectures: on the "Formation of Coal," on the "Climatology of North Carolina," and on "Iron and Iron Ores." These lectures were illustrated with maps, diagrams and stereopticon views; and the third was in the field during an excursion of the school to the Iron Mine, near Chapel Hill.

Prof. A. W. Mangum, on "The Sufficiency of the Bible for the Religious Needs of the World."

Prof. J. N. Moffatt, two lectures: one on "What is Education," the other on "Poets and Poetry."

Mr. F. H. Busbee, on "The Correlation of Forces."

Hon. A. M. Waddell, on "Two Americans—Morse and Maury."

Dr. R. H. Lewis, on "The Eye, as Affected by School Life."

Dr. Geo. W. Graham, on "The Ear, its Structure and Functions."

Hon. A. S. Merrimon, on "Our Public Evils and Their Remedies."

Dr. Eugene Grissom, "Mental Hygiene for Pupil and Teacher."

Hon. John Kerr, on "Public and Private Education."

Major Robert Bingham, on "The Anglo Saxon Race."

Hon. Paul C. Cameron, on "Agriculture and its Changed Condition."

Prof. George T. Winston, two lectures on "The Historical Value of Words."

Prof. S. H. Owens, several lectures on "What is Normal Instruction?"

Prof. A. McIver, several lectures on "Physiology."

Prof. J. S. Tomlinson, two lectures on "California."

President Battle, on "The History of the University and its relation to Agriculture."

Prof. Ladd delivered daily lectures on subjects connected with school discipline, modes of teaching, organization, &c.

EXTRACTS FROM THE REPORT OF SECRETARY DUGGER.

The school was opened at Chapel Hill, N. C., July 3d, and closed August 9th, 1877.

Duration of school term, thirty-eight days.

Number of days of instruction, twenty-eight.

"	of Instructors.....	6
"	of lectures by normal teachers.....	56
"	of lectures by non-normal teachers.....	16
"	of pupils enrolled.....	235
"	of males.....	128

Number of females.....	107
“ of teachers of 20 years’ experience....	3
“ of “ “ 15 “ “	5
“ of “ “ 10 “ “	8
“ of “ “ 5 “ “	25
“ of “ “ 1 to 5 years’ experience.....	76
“ of partial college training now teaching.....	29
“ of academic training now teaching.....	30
“ of common school training now teaching.....	21
“ of graduates of colleges now teaching.....	27
Average daily attendance....	157
Number of counties represented.....	42

CLOSING EXERCISES.

The exercises of the University Normal School were formally closed on the 9th day of August, 1877, by his Excellency the Governor, after interesting addresses by himself and by Rev. A. D. Hepburn, D. D., President of Davidson College. These were preceded by a debate between members of the school, viz:

Messrs. W. O. Temple, of Pasquotank; R. B. Kerner, of Forsyth; R. W. Winston, of Bertie; C. W. Corriher, of Rowan.

Also by essays by the following:

Messrs. Geo. R. McNeill, of Rowan; W. G. Bradshaw, of Randolph, and orations by Messrs. Will. G. Burkhead, of Wake, and F. D. Winston, of Bertie.

STUDENTS IN ATTENDANCE.

ALAMANCE COUNTY.—Miss C. Faucette, Messrs. A. D. Brooks, E. K. Iseley and D. W. Mitchell, Company Shops; D. W. Kerr, Haw River; E. J. Walker, McRae’s Store; Miss M. Anderson, Mebaneville.

ANSON COUNTY.—Miss S. Tyson, Lilesville.

BEAUFORT COUNTY.—R. T. Bonner, Aurora; B. F. Mayhew, Edwards’ Mill; W. J. Crumpler, Pantego; Mrs. S. M. Russell, Washington.

BERTIE COUNTY.—F. D. Winston, R. W. Winston, Windsor.

CABARRUS COUNTY.—Misses L. J. Flow and M. G. Flow; Mr. W. M. Flow, Clear Creek; Miss A. Bessent, Concord.

CATAWBA COUNTY.—A. M. Blair, Hickory.

CHATHAM COUNTY.—Miss A. B. Fearington, Bellevoir; E. P. Ellington, Hadley’s Mills; J. O. Guthrie, Kimbolton; J. W. Beavers, Pittsboro’; C. L. Lindsay, Riggsbee’s Store; Miss O. J. Snipes, Snipes’ Store.

CLEVELAND COUNTY.—J. M. Bandy, Black Rock.

CRAVEN COUNTY.—Miss R. C. Brookfield, Miss A. D. Chadwick, Mrs.

E. Hargett, Miss L. Oliver, Miss M. E. Oliver, Miss M. E. Roberts and A. J. Jackson, New Berne.

CUMBERLAND COUNTY.—Miss W. A. Carver and Miss E. Woodward, Fayetteville; Miss M. C. McSwain, Kyles' Landing; O. Evans, Idaho; A. D. Ward, Rockfish.

DAVIDSON COUNTY.—J. C. Ripple, Arcadia.

DUPLIN COUNTY.—G. W. Carroll, Magnolia.

EDGECOMBE COUNTY.—J. Jones, Battleboro'; W. A. Bridgers, Sparta; Miss M. Whitfield, J. M. Baker.

FRANKLIN COUNTY.—Miss L. B. Mitchell and Miss F. T. Mitchell, Franklin; Miss S. Hill, Louisburg.

FORSYTH COUNTY.—R. Kerner and J. L. Hutchins, Kernersville, J. A. Hege, J. F. McCuiston and F. D. L. Messer, Salem.

GATES COUNTY.—Miss A. E. Taylor, Sunbury.

GRANVILLE COUNTY.—E. L. Harris, Sassafras Fork; Miss A. E. Jordan, Miss E. A. Pool, Mrs. M. A. Stradley, and L. T. Buchanan, Oxford.

GUILFORD COUNTY.—Miss D. M. Whitehead, Friendship; P. G. Kernodle, Gibsonville; Miss M. B. Armfield, Miss S. Sargeant, Miss J. Sublett and J. M. Weatherley, Greensboro'.

HAYWOOD COUNTY.—J. K. Boon.

IREDELL COUNTY.—J. R. Williams and M. C. Williams, New Hope; Mrs. J. E. Osborne, Olin.

JOHNSTON COUNTY.—C. Lassiter, G. D. Morgan, J. T. Turlington and W. E. Turlington, Elevation; B. W. Young, Leachburg.

LENOIR COUNTY.—Miss M. J. Brooks, Kinston; W. S. Byrd, Strabane.

LINCOLN COUNTY.—O. C. Thompson, North Brook.

MONTGOMERY COUNTY.—J. M. Pool, Clark's Mill.

NEW HANOVER COUNTY.—R. S. Atkinson and V. Sidbury, Topsail Sound; Miss M. E. Cooke, Wilmington.

ORANGE County.—Misses S. Bowers, A. Brockwell, A. Cates, C. Cates, E. Craige, M. Cheek, D. Davis, M. Ezell, J. Fauleon, L. Hendon, B. Hogan, J. C. Holderness, E. Jennings and S. Kirkland, County; Misses A. C. Laws, M. P. Mallett, M. McCauley, Mrs. A. J. McDade, Misses S. M. Murrell, M. E. Nevill, M. Partin, C. Pelletier, L. Phillips, C. Pritchard, N. Pritchard, N. Riggsbee, L. Saunders, D. Scott, M. Sparrow, J. Spencer, M. Tilley, L. Ward, S. Weaver, and Messrs. H. E. Andrews, W. V. Andrews, J. A. Askew, W. F. Askew, R. H. Barbee, J. Bowers, A. P. Burch, A. H. Cates, D. R. Cheek, J. B. Cheek, E. Cole, T. B. Cole, R. T. Couch, M. F. Davis, W. G. Davis, J. W. Emerson, W. G. Fipps, A. Gattis, S. M. Gattis, A. J. Henderson, G. A. Holderness, H. C. Hogan, W. J. Hogan, F. Hudson, F. D. Hutchings, W. B. King, L. Kirkland, L. F. Lloyd, T. H. Long, V. Long, J. W. Markham, J. B. McCauley, A. J. McDade, S. G. Nevill, T. W. Newton, A. L. Phillips, E. V. Renn, O. Riggsbee, R. Riggsbee, T. W. Stroud, W. J. Stroud, W. M. Stroud, W. Tankersley, D. W. Weaver, M. D. Weaver, Chapel Hill; Misses C. Harrison, M. Harrison

and A. Holman, Durham; Misses M. E. Forest, Mrs. A. F. Turrentine, E. M. Henderson, K. Laws, B. Laws, and Messrs. B. L. Laws and T. B. Hogan, Hillsboro'; Miss M. E. Morrow, Oaks; Miss E. C. Markham, Patterson's Mill; Miss H. W. Lockhart, Red Mountain; Messrs. A. B. Cates, C. G. Cates and E. Shaw, Rock Spring.

PAMLICO COUNTY.—H. A. Reel, Grantsburg.

PASQUOTANK COUNTY.—W. O. Temple, Rosedale.

RANDOLPH COUNTY.—Miss M. Tomlinson, Bush Hill; W. D. Burgess, and L. M. Curtis, Franklinsville; Miss M. E. Coltrane, Gladesboro'; H. A. Albright and S. A. Hayworth,, Moffitt's Mill; Miss L. Foust, Reed Creek; W. D. Bradshaw, Trinity.

ROBESON COUNTY.—H. A. McEachern and C. D. McIver, St. Paul; J. S. Humphrey, Lumberton; J. L. McMillan, Red Banks.

ROCKINGHAM COUNTY.—A. Spalding, Ruffin; J. J. McCargo, Wentworth.

ROWAN COUNTY.—C. W. Corriher, China Grove; G. R. McNeill, Salisbury.

RUTHERFORD COUNTY.—Miss L. S. Guthrie, Rutherfordton.

SAMPSON COUNTY.—T. A. Hobbs, Bennett's X Roads; W. M. Shaw, Black River Chapel; Miss O. Millard, Clinton; L. F. Johnston, Herringsville; T. L. Bass and M. L. Wilson, Holly Store; Miss J. Faison, Warsaw

SWAIN COUNTY.—J. H. Everett, Charleston.

WAKE COUNTY.—Miss Q. E. Betts and A. T. Olive, Apex; Miss A. Fort, Miss M. Fort and Dr. R. H. Lewis, Forestville; J. D. Horton, H. E. Mason, Morrisville; Mrs. C. H. Fairchild, Mrs. J. A. McDonald, Misses L. S. Dorr, E. W. Flemming, A. J. Kerr, S. L. Kerr, P. G. Litchford, A. W. Partin, M. O. Pickard, and Messrs. W. G. Burkhead, J. E. Dugger, W. M. McDonald, F. S. Saunderson and John G. Williams, Jr., Raleigh.

WILSON COUNTY.—Misses K. M. Conner and O. Taylor, and E. B. Deans, Wilson.

YADKIN COUNTY.—J. D. Johnston, Boonsville.

The next session of the University Normal School will begin the 18th of June, 1878, and will continue six weeks. In addition to the instruction given last year, advanced students will be specially taught in Algebra, Latin, Chemistry, Book-Keeping, Penmanship and Elocution. Prof. Ladd will again preside, assisted by Prof. Owens, Prof. McIver, and five or six other teachers. Persons unable to attend on account of poverty, will make application for assistance to President Battle by the 1st of June.